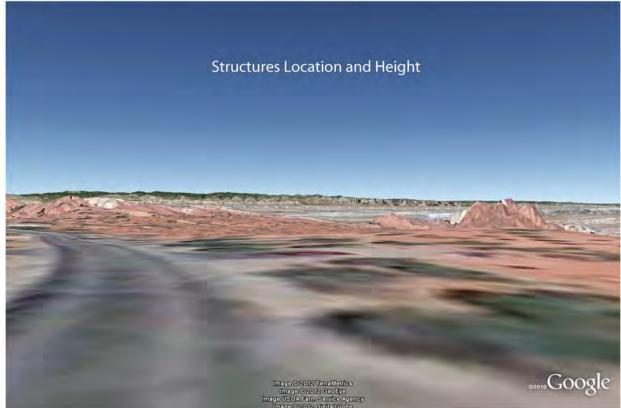
## **KOP Figures**

Draft EIS June 2013





#### Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMATION	
1. Project Name TransWest Express	4. Location Arches NP 5. Location Sketch	
2. Key Observation Point ANP-1		Please see Figure 3.12-2
3. VRM Class	Range 241E	
NA	Section 27	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
Red rock formations. Planar ridgeline. Irregular and rounded background mesas.		Scattered clumps of trees, grasses and forbs.	Foreground paved roadway and campground features.		
LINE	Irregular ridgeline.	Irregular edges of trees, shrubs and grasses.	Horizontal.		
COLOR	Red rocks. Light to medium light to medium red, brown and grey rock and soil.	Light tan to medium and dark olive greens and browns.	Light to medium grey.		
TURE	Smooth rock to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.		

	SECTIO	ON C. PROPOSED ACTIVITY DESC	CRIPTION
1. LAND/WA	TER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
r r			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX			Coarse steel lattice structures, and smooth guys and conductors.

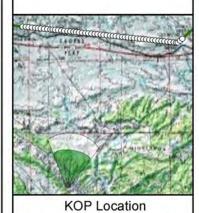
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DEGREE OF CONTRAST		LA	BO (1	ER	VECETATION STRUCTURES management obje						2. Does project design meet vi management objectives? [ (Explain on reverse side)	es?		
		Strong Moderate Weak None		Strong Moderate Weak None	Strong Moderate Weak	None	3. Additional mitigating measures recommended  Yes No (Explain on reverse side)							
Form	Form					17					х		Evaluator's Names	Date
Cicilicius	Line										х		M. Paulson 07/22/	07/22/2011
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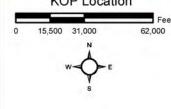
#### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





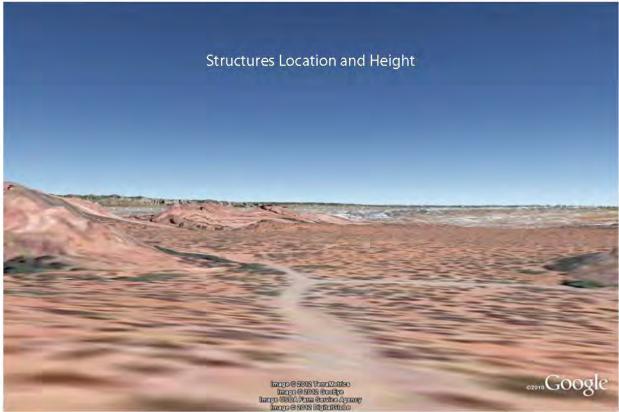
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP ANP-1 Arches National Park Devil's Garden Campground (Segment 220.1)









#### Form 8400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SECTION A. PROJECT INFORMA	TION	
1. Project Name Trans West Express	4. Location Arches NP	5. Location Sketch	
2. Key Observation Point ANP-2	Landscape Arch Tr.  Township 23S	Please see Figure 3.12-2	
3. VRM Class III	Range 21E Section 27		

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

		1. LAND/WATER	2. VE GETATION	3. STRUCTURES		
	FORM	Red rock formations, Planar ridgeline, Irregular and rounded background mesas.	Scattered clumps of trees, grasses and forbs.	Foreground trail.		
	LINE	Irregular ridgeline.	Irregular edges of trees, shrubs and grasses.	Curvilinear.		
	COLOR	Red rocks. Light to medium light to medium red, brown and grey rock and soil.	Light tan to medium and dark olive greens and browns.	Light to medium reddish tan.		
ĺ	TEX. TURE	Smooth rock to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.		

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>РОК</b> М		Pyramidal steel lattice structures and guys, and tubular conductors.
TUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
косого		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

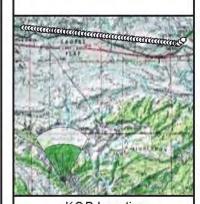
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DEGREE OF		LAND/WATER BODY (1)			VE GETATION (2)				STRUCTURES (3)			ES	<ol> <li>Does project design meet visual resource management objectives? ▼ Yes  N (Explain on reverse side)</li> </ol>		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me Yes No (Explain	
ve .	Form							P=1	-4			Х		Evaluator's Names	Date
ent	Line	- Simil										Х		M. Paulson 07/22/2	07/22/2011
Elements	Color												Х		
-	Tentuno												W		

#### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



KOP Location

15,500 31,000 62,000

## TRANSWEST EXPRESS TRANSMISSION PROJECT

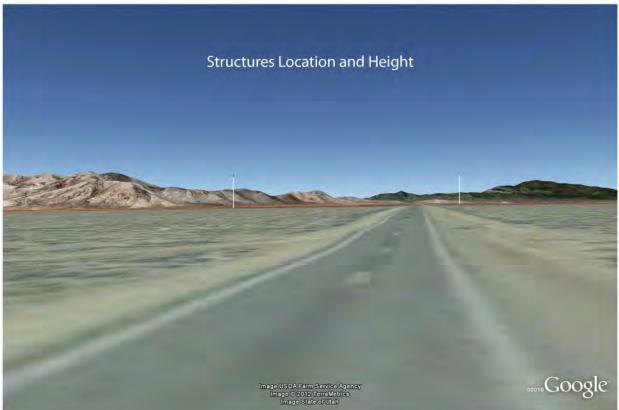
KOP ANP-2 Arches National Park Landscape Arch Trail (Segment 220.1)





3. VRM Class





#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 08/19/2011 District Cedar City FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location Sketch 4. Location Utah SH 21 TransWest Express (westbound) 2. Key Observation Point Please see Figure 3.12-3 Township T28S CC-1

Range R11W

Section 2

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Angular mountains and wide valley floor.	Planar blanket of sagebrush and grasses.	Planar roadway lanes. Pyramidal stee lattice t-line.		
LINE	Horizontal valley and angular ridgelines.	Irregular sagebrush and grass patterns.	Vertical t-lines, utility poles and fence posts. Curvilinear conductors.		
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light to medium grey and brown t-lines and fence posts.		
TEX-	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.		

1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
пие		Vertical steel lattice structures, angula guys, and curvilinear conductors.			
00700		Light silver to dark grey steel lattice structures, guys, and conductors.			
THE		Coarse steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S	3 B					
DEGREE OF CONTRAST		LAND/WATER BODY (1)			VEGETATION (2)				STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives?    ✓ Yes    No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating meas	sures recommended on reverse side)
'n	Form		7.5								х			Evaluator's Names	Date
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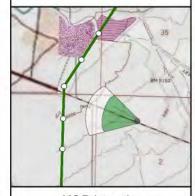
#### Rationale:

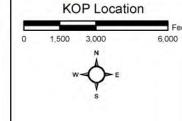
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





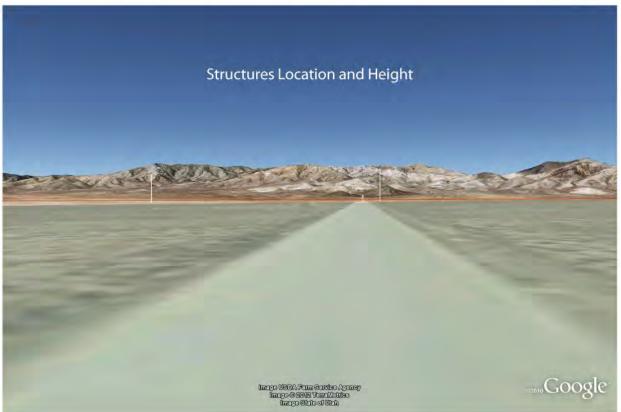
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-1 Utah State Highway 21 (westbound) (Segment 480)









#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 08/19/2011 District Cedar City FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 5. Location Sketch 1. Project Name 4. Location Milford TransWest Express Recreation Rd. (WB) 2. Key Observation Point Please see Figure 3.12-3 Township 28S CC-2 Range 11W 3. VRM Class IV (VRI Class IV) Section 11 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of sagebrush.	Planar roadway. Pyramidal steel lattice t- line.
LINE	Horizontal valley and angular ridgelines.	Irregular grass patterns.	Vertical t-line and curvilinear conductors.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light, medium and dark grey t-line.
TEX-	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.				
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.				
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.				
TEX		Coarse steel lattice structures, and smooth guys and conductors.				

DEGREE OF CONTRAST						F	EAT	URE	S	2. Does project design meet visual resource					
		LA	VE	GET	ATIO	ON	STRUCTURES (3)				management objectives? ▼ Yes □ No (Explain on reverse side)				
		Strong	Moderate	Weak	None.	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None.	3. Additional mitigating me.  Yes No (Explain	
ø	Form	1/	Lo								х			Evaluator's Names	Date
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len	Color								1		х	7-1			
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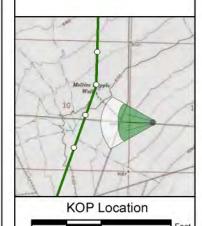
#### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



1,450 2,900



TRANSMISSION PROJECT

KOP CC-2 Milford Recreation Road (westbound) (Segment 480)





3. VRM Class





#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 08/19/2011 District Cedar City FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 5. Location Sketch 1. Project Name 4. Location Milford TransWest Express Recreation Rd. (WB) 2. Key Observation Point Please see Figure 3.12-3 Township 30S

Range 12W

Section 31

	SECTION B	, CHARACTERISTIC LANDSCAPE DESC	CRIPTION
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of sagebrush with scattered clumps of grasses.	Planar roadway. Pyramidal steel lattice t- line. Low-lying agricultural buildings
LINE	Horizontal valley and angular ridgelines.	Irregular sagebrush and grass patterns.	Vertical t-line and curvilinear conductors.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light, medium and dark grey t-line and buildings.
TEX-	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angula guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TORK		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	A second transport of the second					
	DEGREE OF	E OF (1)		VE	GET.	ATIO	)N	STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)			
CONTRAST		Strong		Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
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#### Rationale:

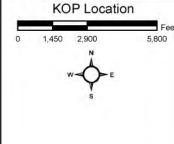
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





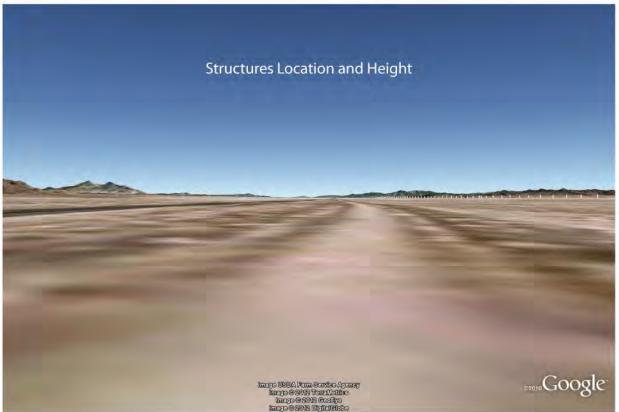
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-3 Milford Recreation Road (westbound) (Segment 480)









#### Form 8400-4 (September 1985)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A.	PROJECT	INFORMATION	

1. Project Name TransWest Express	4. Location Near Lund  Recreation Rd. (NB)	5. Location Sketch
2. Key Observation Point CC-4	Township 33S	Please see Figure 3.12-3
3. VRM Class	Range_15W	
IV	Section_1	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses.	Planar roadway. Columnar wooden pole utility
LINE	Horizontal valley and angular ridgelines.	Irregular grass patterns.	Horizontal roadway, railroad, and vertical t-line.
COLOR	Light to medium reddish tan.	Light tan grasses.	Light, medium and dark brown roadway, railroad, and t-line.
TEX-	Smooth landforms.	Smooth and medium.	Smooth to medium.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>РОКМ</b>		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ	1	Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2 0						
	DEGREE OF	LA	LAND/WATER BODY (1)				VEGETATION (2)				RUC		ES	2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)		
CONTRAST		Strong Moderate Weak None		Strong Moderate Weak None	Strong Moderate Weak None	Strong Moderate Weak	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
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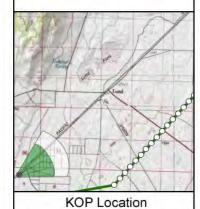
#### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



12,000

6,000

TRANSWEST EXPRESS

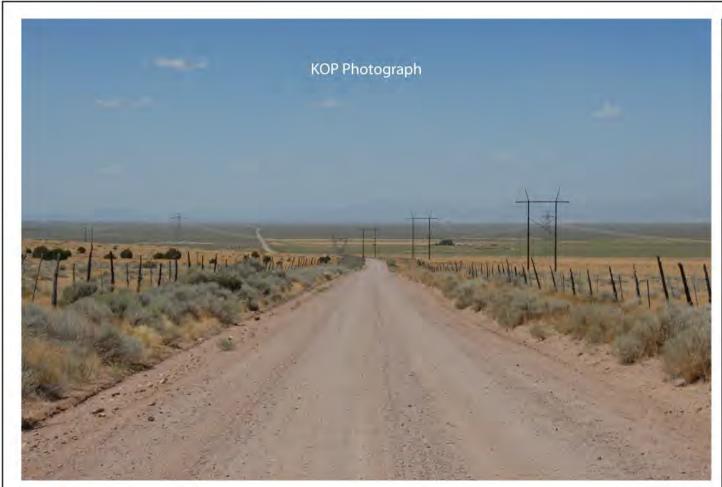
TRANSMISSION PROJECT

KOP CC-4
Near Lund Recreation Rd.
(northbound)
(Segment 480)





24,000





#### Form 8400-4 (September 1985)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION								
1. Project Name TransWest Express	4. Location East	5. Location Sketch						
2. Key Observation Point CC-5	Antelope Rd. (WB) Township 35S	Please see Figure 3.12-3						
3. VRM Class IV	Range 14W							

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of PJ and sagebrush.	Planar roadway. Pyramidal steel lattice t- line. Planar h-Frames. Indistinct ranch buildings.			
LINE	Horizontal valley and angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal, meandering roadway.			
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush, dark green PJ and light tan and medium green grasses.	Light, medium and dark grey and dark brown t-lines and light grey buildings.			
TEX-	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.			

SEC	CTION C. PROPOSED ACTIVITY DESC	CRIPTION		
1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.		
ГПИЕ		Vertical steel lattice structures, angular guys, and curvilinear conductors.		
согож		Light silver to dark grey steel lattice structures, guys, and conductors.		
TIEX		Coarse steel lattice structures, and smooth guys and conductors.		

						F	EAT	URE	S	A North Carlot Control Control					
DEGREE OF		LA	BO (1	DY	ER	VE	EGET		N	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ▼ Yes ▼ No (Explain on reverse side)	
CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
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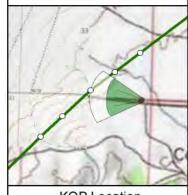
#### Rationale

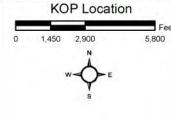
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-5 East Antelope Road (westbound) (Segment 500.02)









#### Form 8400-4 (September 1985)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

		Activity (program)
	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Utah SH 56	5. Location Sketch
2. Key Observation Point CC-6	(WB) Township_36S	Please see Figure 3.12-3
3. VRM Class IV	Range 15W Section 15	

	1, LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of PJ, deciduous trees and shrubs.	Planar roadway. Pyramidal steel lattice t- line. Planar h-Frames. Indistinct Newcastle buildings.			
LINE	Horizontal valley and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal, rolling roadway.			
COLOR	Light to medium reddish tan.	Dark green PJ, deciduous trees, and light tan and medium green grasses.	Light, medium and dark grey and dark brown t-lines and light to medium grey buildings.			
TEX-	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.			

1, LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
TINE		Vertical steel lattice structures, angula guys, and curvilinear conductors.			
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.			
THEX.		Coarse steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S	5 B					
DEGREE OF CONTRAST		LA	VE	EGET	3700	N	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ✓ Yes No (Explain on reverse side)				
		Strong Moderate Weak None			None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended  Ves No (Explain on reverse side)	
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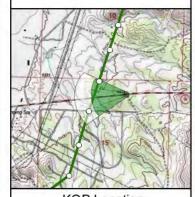
#### Rationale

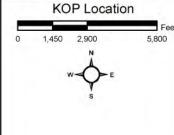
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



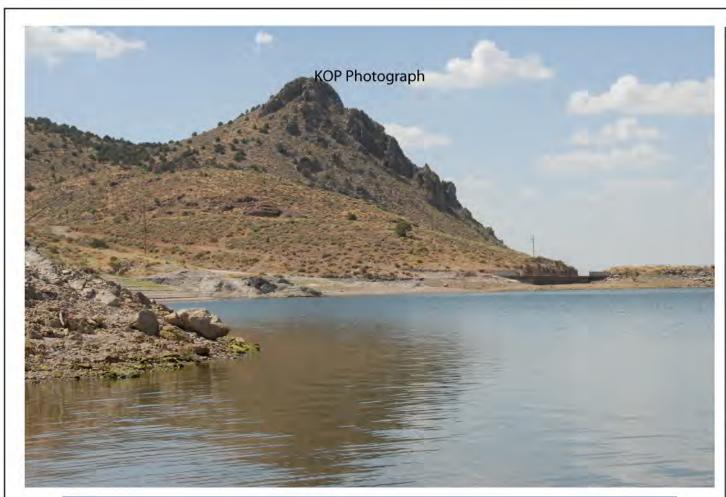


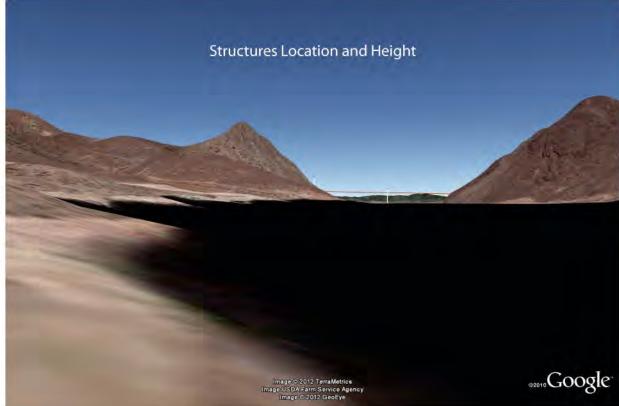
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-6 Utah State Highway 56 (westbound) (Segment 506.00)









#### Form 8400-4 (September 1985)

1. Project Name TransWest Express 2. Key Observation Point

3. VRM Class

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTI	ON A. PROJECT INFORMAT	TION	
	4. Location Newcastle Reservoir Boat Launch Township 36S Range 15W	5. Location Sketch  Please see Figure 3.12-3	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar dam. Angular mountains. Horizontal water form.	Planar blanket of grasses and shrubs, with scattered clumps of PJ.	Cylindrical utility poles. Planar dam structure.
LINE	Horizontal water and dam, and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical utility poles. Horizontal dam structure.
COLOR	Blue water. Light to medium to dark grayish tan and brown rock formations and dam structure	Dark green PJ and light tan and medium green shrubs.	Light to medium to dark grayish tan and brown dam structure. Dark brown utility poles.
TEX- TURE	Smooth water and smooth, medium, and coarse landforms.	Smooth, medium and coarse.	Smooth to medium.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
80700		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	ON D	, CO	NTI	RAS	ΓRA	TIN	G	Γ.	SHO	RT	TERM  □ LONG TERM	
						F	EAT	URE	S	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)					
DEGREE OF CONTRAST		LA	во	WATE DY 1)	ER	VI	EGET	ATIC	N			STRUCTURES (3)			
		Strong Moderate Weak			None	Strong Moderate Weak			None	Strong	Strong		None	3. Additional mitigating measures recommende  Ves No (Explain on reverse side)	
s	Form										х			Evaluator's Names	Date
1	Line											х		M. Paulson	08/19/2011
	Color								112	11		X			
	Toyture	-1				11		1 11			9		~		

#### Rationale:

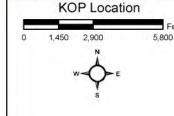
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





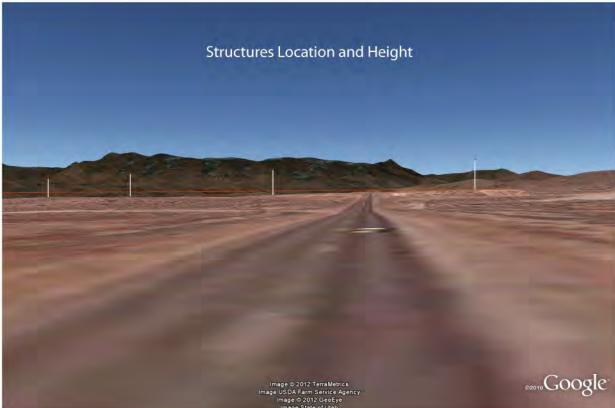
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-7 Newcastle Reservoir Boat Launch (Segment 500.05)









#### Form 8400-4 (September 1985)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Utah SH 56	5. Location Sketch
2. Key Observation Point CC-8	(EB) Township_36S	Please see Figure 3.12-3
3. VRM Class	Range 15W Section 16	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and rolling foothils.	Scattered clumps of PJ, shrubs, and grasses.	Planar roadway. Pyramidal steel lattice t- line. Planar H-frames.
LINE	Horizontal foothills and angular ridgelines.	Irregular PJ sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal roadway.
COLOR	Light to medium reddish tan and grey	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines and light to medium grey roadway
TEX. TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
2000		Light silver to dark grey steel lattice structures, guys, and conductors.
TORE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource						
	DEGREE OF	LAND/WATER BODY (1)				VE	EGET		ON	STRUCTURES (3)				management objectives? ▼ Yes □ No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
s.	Form	Form								J	-	х			Evaluator's Names	Date
Elements	Line		1	[-4]	1		2.4		1	_	x			M. Paulson	08/19/2011	
Clen	Color										х					
-	Texture		5.1		3.7							x				

#### Rationale:

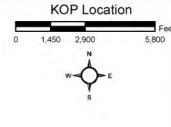
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





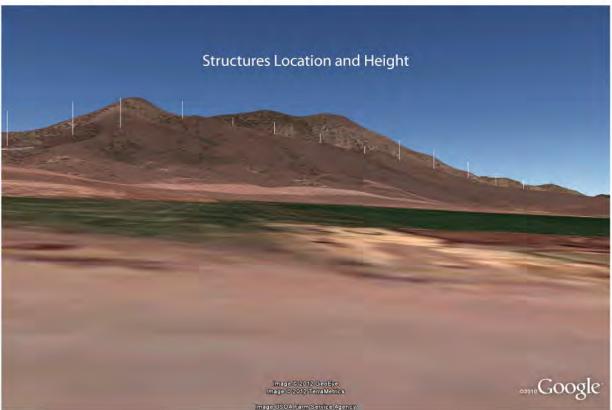
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-8 Utah State Hwy 56 (eastbound) (Segment 500.05)









#### Form 8400-4 (September 1985)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	TION
1. Project Name TransWest Express	4. Location Newcastle	5. Location Sketch
2. Key Observation Point CC-9	Residential Township 36S	Please see Figure 3.12-3
3. VRM Class	Range 15W	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains, rock formations, and rolling foothills.	Scattered clumps of PJ, shrubs, and blanket of grasses.	Pyramidal steel lattice t-line. Planar h- Frames. Cylindrical fence posts.
LINE	Angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Vertical fence posts.
COLOR	Light to medium reddish tan and grey	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines. Light to medium grey fence posts.
TEX- TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

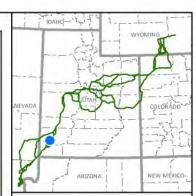
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource						
	DEGREE OF	ONTRAST (1)				VI	EGET.		ON	STRUCTURES (3)			ES	management objectives? ▼ Yes □ No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea		
in .	Form										х			Evaluator's Names	Date	
	Line										х			M. Paulson 08/19/	08/19/2011	
	Color	1 - 9		2.31	1_ (						x	J Marij				
4	have of a contract		-	-			-	-		-	-	126.1				

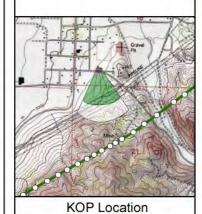
#### Rationale:

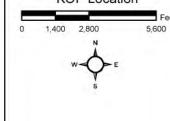
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





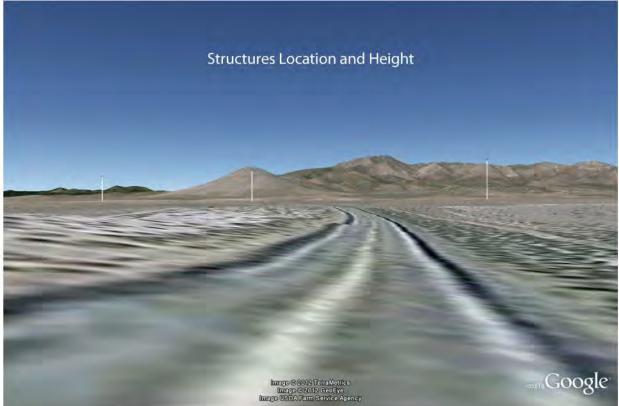
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-9 Newcastle Residential (Segment 500.05)









#### Form 8400-4 (September 1985)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Utah SH 56	5. Location Sketch
2. Key Observation Point CC-10	(WB) Township 34S	Please see Figure 3.12-3
3. VRM Class IV (VRI Class IV)	Range 18W	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Angular mountains, rock formations, and rolling foothills.	Scattered clumps of PJ, shrubs, and blanket of grasses.	Pyramidal steel lattice t-line. Planar h- Frames. Cylindrical fence posts.			
LINE	Angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Vertical fence posts.			
COLOR	Light to medium reddish tan and grey	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines. Light to medium grey fence posts.			
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.			

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
80702		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2. Does project design meet visual resource	
	DEGREE OF		ND/V BO	200	ER	VE	EGET	N. B.	ON	STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form									х				Evaluator's Names	Date
Elements	Line										х			M. Paulson	08/19/2011
len	Color			47							х				
-	Texture												10		

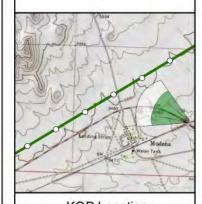
#### Rationale:

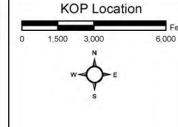
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



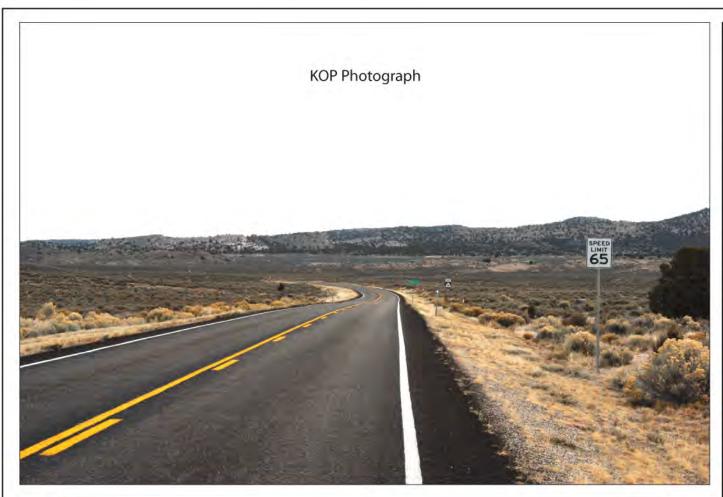


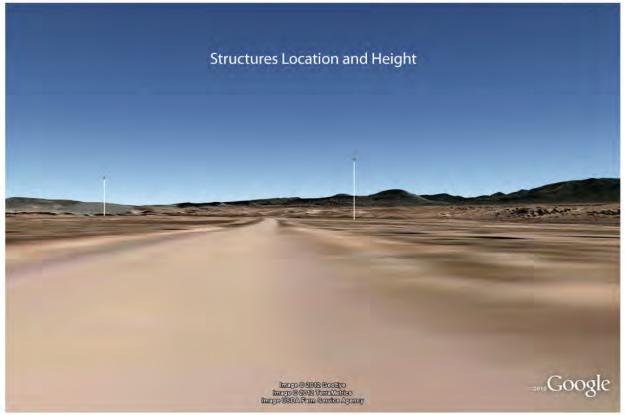
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-10 Utah State Highway 56 (westbound) (Segment 490.05)









#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 08/19/2011 District Cedar City FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location Sketch 4. Location Utah SH 56 TransWest Express (EB) 2. Key Observation Point Please see Figure 3.12-3 Township 35S CC-11 Range 20W 3. VRM Class

	1. LAND/WATER	2. VEGETATION	3, STRUCTURES			
Angular mountains, rock formations, and rolling foothills.		. 프라이 네트리스 아이트 아이들에 보다는 사람들이 아니는 데를 보고 있다면 보다 있다면 보다 되었다면 되었다. 그 사람들은 사람들은 사람이 되었다				
LINE	Angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Vertical fence posts.			
COLOR	Light to medium reddish tan and grey	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines. Light to medium grey feno posts.			
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.			

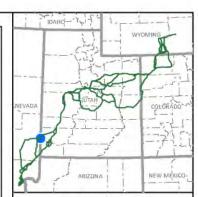
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
rive		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
LICE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S				2. Does project design meet visual resource									
DEGREE OF CONTRAST		LA	VEGETATION (2)				STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)											
		Strong Moderate Weak None				Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended  ☐ Yes ☐ No (Explain on reverse side)								
	Form									x				Evaluator's Names Date	Date							
	Line									-	х			M. Paulson	08/19/201							
Co	Color			1							х											
	Texture											x										

#### Rationale:

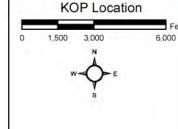
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





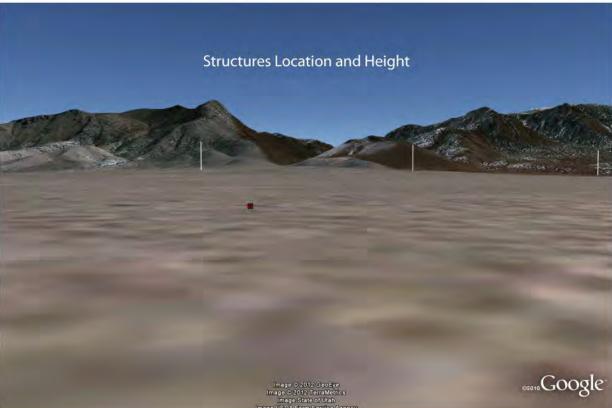
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-11 Utah State Hwy 56 (eastbound) (Segment 490.05)









#### Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMATION	
1. Project Name TransWest Express	4. Location Recreation Sketch  Road near Antelope Spr.	
2. Key Observation Point CC-12	Township_35S Please see Figure 3.12-3	
3. VRM Class IV	Range 15W Section 14	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular and rounded mountains, rolling foothills, and planar valley.	Scattered clumps of PJ, shrubs, and blanket of grasses.	Pyramidal steel lattice t-line. Planar H-frames.
LINE	Angular and curvilinear ridgelines and horizontal valley	Irregular PJ, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors.
COLOR	Light to medium reddish tan and grey	Dark green PJ and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown t-lines.
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3, STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
RO100		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2 B	Control Control	
DEGREE OF		LA	VEGETATION (2)				STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)					
	CONTRAST	Strong Moderate Weak None				Strong	Moderate	Moderate Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended  Ves No (Explain on reverse side)		
8	Form										х				Date	
ien	Line										х	1:55			08/19/2011	
Ciements	Color	1 5 1						1 1			х					
-	Texture											x				

#### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-12 Recreation Road near Antelope Springs (Segment 500.02)









#### Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 08/07/2012

District Cedar City FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Utah SH 56	5. Location Sketch
2. Key Observation Point CC-13	(WB) Township_36S	Please see Figure 3.12-3
3. VRM Class IV (VRI Class IV)	Range 15W Section 14	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Angular mountains and wide valley Planar blanket of grasses with scattered Planar roadway. Pyramidal steel lattice tfloor. clumps of PJ, deciduous trees and shrubs. line. Planar h-Frames. Indistinct Newcastle buildings. Irregular PJ, deciduous trees, sagebrush Vertical and horizontal t-line and Horizontal valley and angular ridgelines. and grass patterns. curvilinear conductors. Horizontal, rolling roadway. Light to medium reddish tan. Light, medium and dark grey and dark Dark green PJ, deciduous trees, and light tan and medium green grasses. brown t-lines and light to medium grey buildings. Smooth landforms. Smooth, medium and coarse. Smooth to medium.

SEC	SECTION C. PROPOSED ACTIVITY DESCRIPTION									
1. LAND/WATER	2. VEGETATION	3. STRUCTURES								
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.								
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.								
СОГОВ		Light silver to dark gray steel lattice structures, guys, and conductors.								
TURE		Coarse steel lattice structures, and smooth guys and conductors.								

						F	EAT	URE	S					2. Does project design meet visual resource		
DEGREE OF CONTRAST		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				management objectives? Ves No (Explain on reverse side)		
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea		
on.	Form										x			Evaluator's Names	Date	
E	Line			-11							x			M. Paulson	08/07/2012	
Elements	Color										х	9.00				
-	Texture											х				

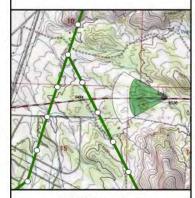
#### Rationale:

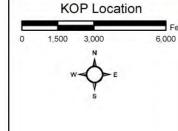
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

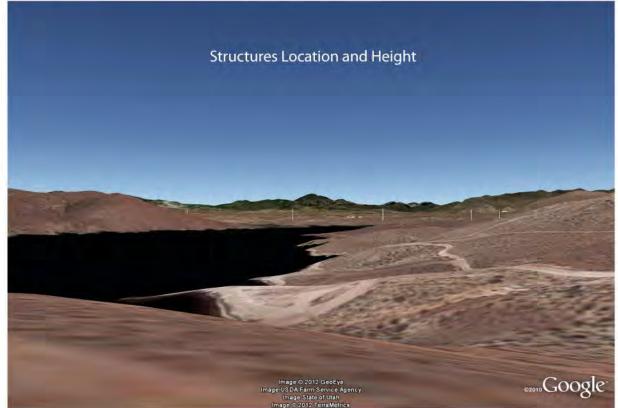
KOP CC-13 Utah SH 56 (westbound) (Segment 506)





I-668 TransWest Express EIS Appendix I





# Form 8400-4 (September 1985)

CC-14 3. VRM Class IV

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 08/07/2012 District Cedar City FO Resource Area Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Newcastle  Reservoir Dam Overlook	5. Location Sketch
2. Key Observation Point CC-14	Township 36S	Please see Figure 3.12-3
3 VDM Class	Range 15W	

Section 22

	SECTION B.	CHARACTERISTIC LANDSCAPE DESC	CRIPTION			
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Planar dam. Angular mountains. Horizontal waterform.	Planar blanket of grasses and shrubs, with scattered clumps and blanket of PJ.	Cylindrical utility poles. Planar dam structure.			
LINE	Horizontal water and dam, and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical utility poles. Horizontal dam structure.			
COLOR	Blue water. Light to medium to dark grayish tan and brown rock formations and dam structure	Dark green PJand light tan and medium greenshrubs.	Light to medium to dark grayish tan and brown dam structure. Dark brown utility poles.			
TEX.	Smooth water and smooth, medium, and coarse landforms.	Smooth, medium and coarse.	Smooth to medium.			

SEC	CTION C. PROPOSED ACTIVITY DESC	CRIPTION
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

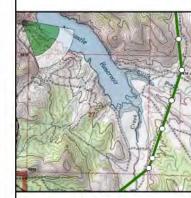
						F	EAT	URE	S					2. Does project design meet visual resource							
DEGREE OF CONTRAST		LA	BO (1	DY	ER	VE		ETATION STRUCTURES (2) (3) 2. Does project design meet visual resormanagement objectives? ▼ Yes (Explain on reverse side)													
	CONTRAST	ž	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended  Yes No (Explain on reverse side)									
so.	Form		,							1		X		Evaluator's Names	Date						
Elements	Line											x		M. Paulson	08/07/2012						
Jen	Color											х									
-	Texture												х								

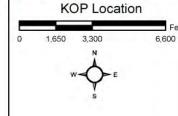
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





#### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-14 Newcastle Reservoir Dam Overlook (Segment 500.05)





brown landforms

Smooth to moderate landforms.





#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 05/30/2012 **District Dinosaur National Monument** VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 5. Location Sketch 1. Project Name 4. Location Dinosaur TransWest Express Nat. Mon. Entry 2. Key Observation Point Please see Figure 3.12-1 Township 3N DNM-1 Range 103W 3. VRM Class NA Section 10 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 2. VEGETATION 1. LAND/WATER 3. STRUCTURES Planar rolling and angular ridges. Organic clumps of pinon-juniper, rabbit Planar roadway, columnar light standard, Angular side slopes. brush, sagebrush and grasses. pyramidal 345-kV transmission line structure and columnar H-frame poles. Strong angular lines of ridges and Indistinct pinon-juniper, sagebrush, rabbit Linear horizontal roadway and vertical skyline. Angular side slopes. brush and linear roadside grasses. light standard, transmission line, H-frame and markers. Very light, medium, and dark tan to Dark olive green pinon-juniper and Light to medium grey roadway and

	SECTION C. PROPOSED ACTIVITY DES	CRIPTION
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
TOPE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.
SECTION	D. CONTRAST RATING SHORT TEI	RM LONG TERM

medium olive green sagebrush. Golden

tan to brown rabbit brush and grasses.

Coarse pinon-juniper, rabbit brush and

sagebrush. Smooth to coarse grasses.

darker light standard, and transmission

line. Light tan to brown H-frame.

markers.

Smooth to medium roadway, light standard, transmission line, H-frame and

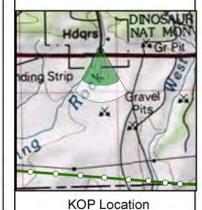
						F	EAT	URE	S	2. Does project design meet visual resource					
	DEGREE OF	LA	VE	GET.		N	STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form									11	х	1		Evaluator's Names	Date
Elements	Line				Ē.,						х			M. Paulson 5	5/30/12
Slen	Color	11 (111)		gr (			111					x			
-	Texture									11. 11	300	x			

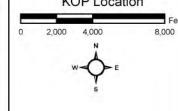
Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

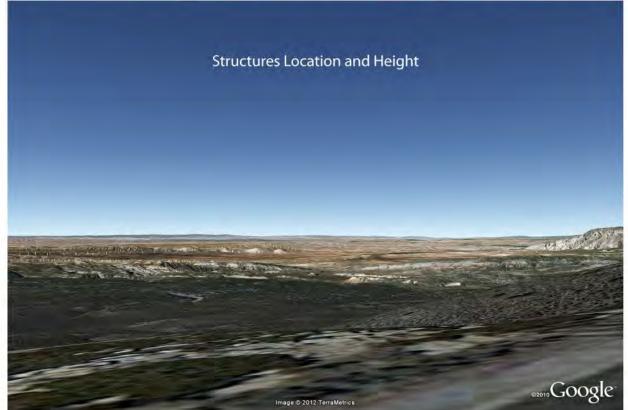
KOP DNM-1 Dinosaur National Monument (Entry) (Segment 210)











#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 07/22/2011 District VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location 4. Location Dinosaur TransWest Express National Mon. Overlook 2. Key Observation Point Please see Figure 3.12-1 Township 4N DNM-2 Range 103W 3. VRM Class NA Section 4 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Undulating midground ridges. Horizontal and curvilinear shapes of pinon- NA – too distant to pick out of landscape Curvilinear mountain backdrop. juniper and grasses. Strong foreground erosion cuts. Horizontal and curvilinear edges of pinon- NA Weak horizontal ridge and mountain skyline. Angular side slopes. juniper and grasses. Horizontal valley floor. Dark green pinon-juniper. Light to medium NA Very light, medium, and dark brown exposed eroded slopes. olive green and tan grasses. Smooth midground and background Coarse pinon-juniper foreground and

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Indistinct 7- to 11-miles distant pyramida steel lattice structures.
LINE			Indistinct 7- to 11-miles distant vertical steel lattice structures.
COLOR			Indistinct 7- to 11-miles distant light silve to dark grey steel lattice structures, guys and conductors.
TEX-			Indistinct 7- to 11-miles distance

midground. Smooth grasses.

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF CONTRAST		LA	ND/A BO		R	VE	GET	ATIO	N	STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
80	Form		T.					1	1,00			х		Evaluator's Names	Date
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Slen	Color			7						-		Х			
-	Texture										10		х		

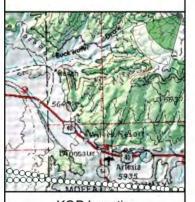
#### Rationale:

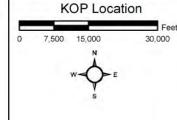
landforms. Course foreground

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

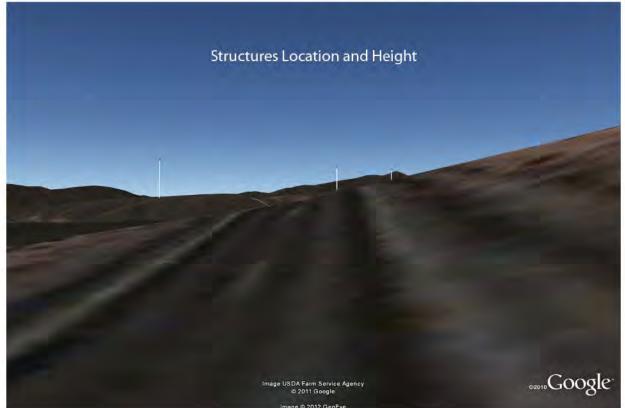
KOP DNM-2 Dinosaur National Monument (Overlook) (Segments 210, 211, 214)



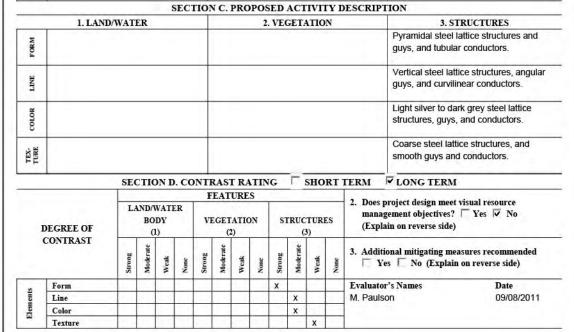












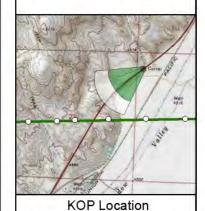
#### Rationale:

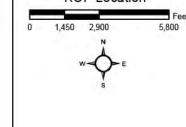
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

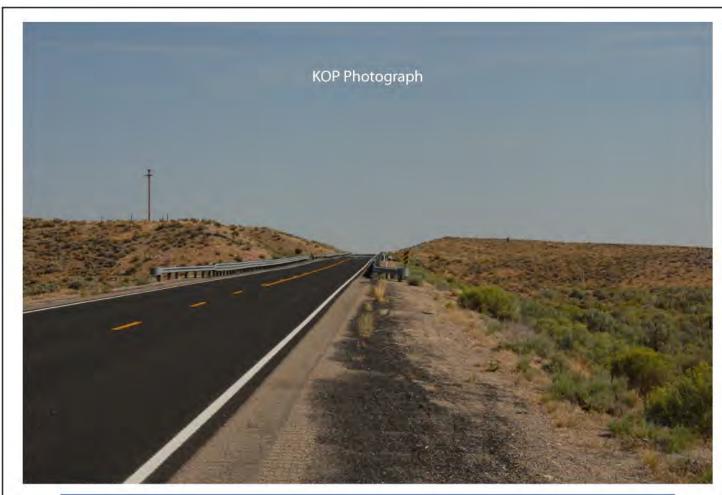
KOP E-6 U.S. 93 (southbound) (Segment 520)

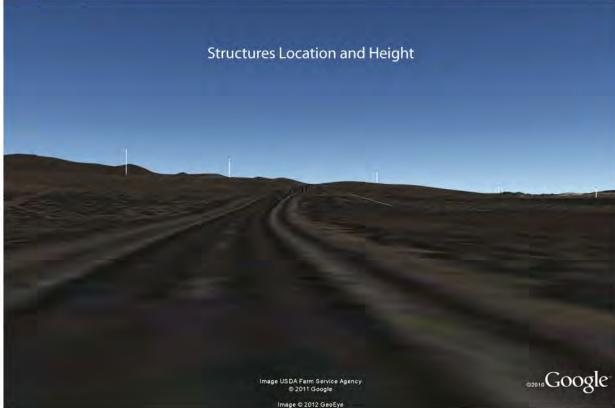






Form 8400-4







#### Rationale:

Color Texture

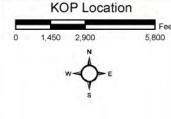
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





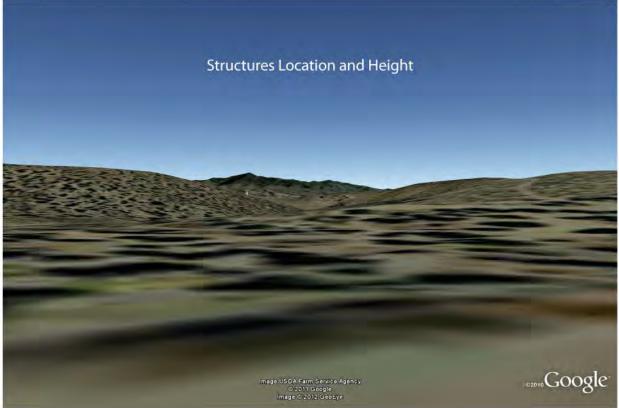
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-7 U.S. 93 (southbound) (Segment 520)









#### Form 8400-4 (September 1985)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

#### SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_U.S. 93  Township_04S	5. Location Sketch
2. Key Observation Point E-8	Range 66E	Please see Figure 3.12-3
3. VRM Class III (VRI Class IV)	Section 18	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Undulating planar land form. Angular background mountains.	Blanket of PJ. Clumps of shrubs and grasses.	Planar roadway.			
LINE	Angular ridgelines.	Irregular PJ, shrub and grass patterns.	Horizontal roadway.			
COLOR	Light to medium reddish tan and grey	Medium to dark olive green PJ. Silver and yellowish green shrubs and tan grasses	Light to medium grey roadway			
TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.			

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	)N D	. CO	NTI	RAS	ΓRA	TIN	G	Γ:	SHO	RT	TERM VLONG TERM	
						F	EAT	URE	S					2 Days was last design was t	Sala andreas
	DEGREE OF	LA	BO		ER	VI		ATIC	ON	STRUCTUR			ES	Does project design meet management objectives? (Explain on reverse side)	▼ Yes  No
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me	
95	Form											х		Evaluator's Names	Date
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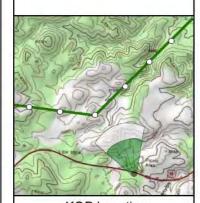
#### Rationale:

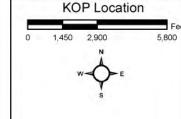
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-8 U.S. 93 (Segment 520)









# Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VISUAL CONTRAST RATING WORKSHEET SECTION A. PROJECT INFORMATION Project Name ransWest Express (eastbound) Date 09/08/2011 District Ely DO Resource Area Activity (program) 5. Location Sketch

1. Project Name TransWest Express	4. Location_U.S. 93 (eastbound)	5. Location Sketch
2. Key Observation Point E-9	Township 04S	Please see Figure 3.12-3
3. VRM Class III (VRI Class IV)	Range_64E Section_10	
2.775.245.07.002.07	Section_10  N.B. CHARACTERISTIC LANDSCA	PE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular background mountains. Planar valley.	Clumps of desert shrubs and grasses.	Planar roadway and pyramidal steel lattice transmission line.
LINE	Angular ridgelines and horizontal valley.	Irregular shrub and grass patterns.	Horizontal roadway and vertical t-line. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey	Reddish brown and tan shrubs and grasses	Light to medium grey roadway. Dark grey t-line.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C, PROPOSED ACTIVITY DESCRIPTION									
1. LAND/WATER	2. VEGETATION	3. STRUCTURES							
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.							
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.							
согок		Light silver to dark grey steel lattice structures, guys, and conductors.							
TORE	1	Coarse steel lattice structures, and smooth guys and conductors.							

						F	EAT	URE	2. Does project design meet visual resource						
DEGREE OF CONTRAST		LA	BO (1	3/	ER	VE	GET		)N	STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
or.	Form			(M)				T.II			х			Evaluator's Names	Date
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Line Color Texture												х			
						_		14.				х			

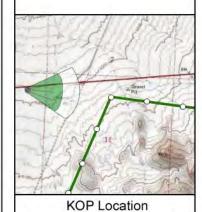
#### Rationale:

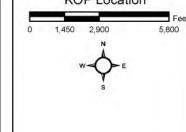
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

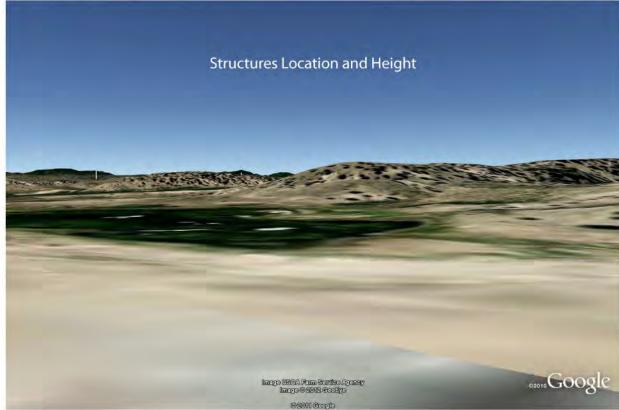
KOP E-9 U.S. 93 (eastbound) (Segment 520)











Form 8400-4 (September 1985)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION						
1. Project Name TransWest Express	4. Location_Mathews  Canyon Reservoir.	5. Location Sketch				
2. Key Observation Point E-10	Township 05S	Please see Figure 3.12-3				
3. VRM Class	Range 69E Section 24					

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular and rounded mountains, rolling foothills, and planar water form.	Scattered clumps of PJ, shrubs, and blanket of grasses.	
LINE	Angular and curvilinear ridgelines and horizontal water	Irregular PJ, sagebrush and grass patterns.	
COLOR	Light to medium reddish tan and grey	Dark green PJ and light tan grasses and medium silvery green sagebrush.	
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
РОВМ		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
согов		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2 D	dated and the				
DEGREE OF CONTRAST		LA	VI	EGET		ON	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
·	Form	ii) = 1						1				х	-	Evaluator's Names	Date
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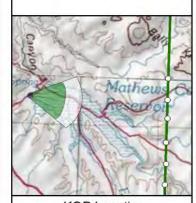
#### Rationale:

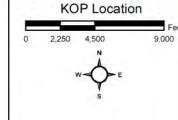
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

 $Please\ refer\ to\ the\ table\ at\ the\ beginning\ of\ this\ Appendix\ for\ visual\ contrast\ rating\ analysis\ criteria\ and\ evaluations\ for\ this\ KOP.$ 



Project Location





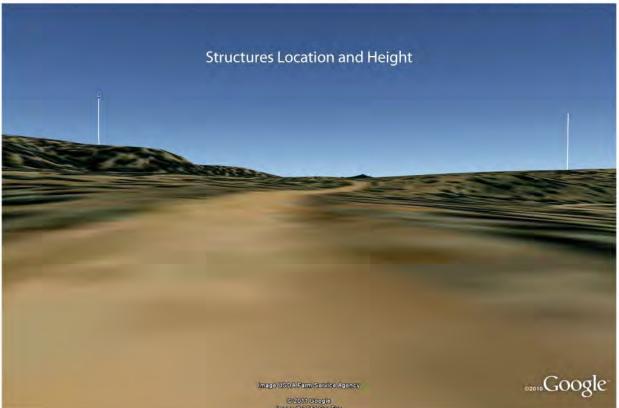
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-10 Mathews Canyon Reservoir (Segment 510)









#### Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

Resource Area

District Ely DO

Activity (program)

SECTION A. PRO	JECT INF	ORMATIO	N
4.10	nation Book	5.	Location

1. Project Name TransWest Express	4. Location_Backway	5. Location Sketch
2. Key Observation Point E-11	Loop. Township_05S	Please see Figure 3.12-3
3. VRM Class IV (VRI Class III)	Range 70E Section 31	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling foothills.	Dense planar blanket of PJ and sagebrush.	Planar roadway.
LINE	Curvilinear ridgelines.	Irregular PJ and sagebrush patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey	Dark green PJ and medium silvery green sagebrush.	Light to medium reddish brown.
TEX-	Smooth landform.	Smooth, medium and coarse.	Smooth.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES
	Pyramidal steel lattice structures and guys, and tubular conductors.
	Vertical steel lattice structures, angular guys, and curvilinear conductors.
1	Light silver to dark grey steel lattice structures, guys, and conductors.
	Coarse steel lattice structures, and smooth guys and conductors.
	2. VEGETATION

#### SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM

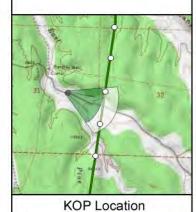
						F	EAT	URE	S		2. Does project design meet visual resource management objectives? ▼ Yes □ No (Explain on reverse side)				
DEGREE OF		LA	во	WATI DY 1)	ER	VI		ATIC	ON	STRUCTURES (3)					
	CONTRAST		Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating med Yes No (Explain	
9	Form	177								х				Evaluator's Names	Date
E E	Line	1 12	71								X			M. Paulson	09/08/2011
Elements	Color										x				
-	Texture											х			

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



2,900

1,450

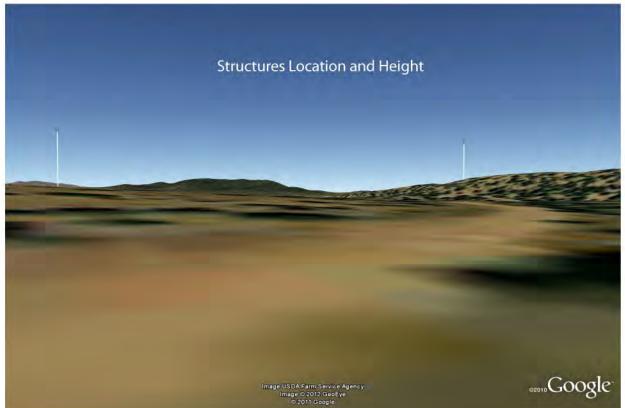
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-11 Backway Loop (Segment 510)









#### Form 8400-4

1. Project Name TransWest Express 2. Key Observation Point

E-12
3. VRM Class
IV (VRI Class III)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SEC	SECTION A. PROJECT INFORMATION						
	4. Location_Backway	5. Location Sketch					
	Township_05S	Please see Figure 3.12-3					

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
Rolling foothills.	Dense planar blanket of PJ and sagebrush.	Planar roadway.
Curvilinear ridgelines.	Irregular PJ and sagebrush patterns.	Curvilinear roadway.
Light to medium reddish tan and grey	Dark green PJ and medium silvery green sagebrush.	Light to medium reddish brown.
Smooth landform.	Smooth, medium and coarse.	Smooth.
	Rolling foothills.  Curvilinear ridgelines.  Light to medium reddish tan and grey	Rolling foothills.  Dense planar blanket of PJ and sagebrush.  Curvilinear ridgelines.  Irregular PJ and sagebrush patterns.  Light to medium reddish tan and grey  Dark green PJ and medium silvery green sagebrush.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	2 P							
DEGREE OF		LA	BO (1	DY	ER	VI	EGET	ATIC	ON	ST	ruc (	TURI	ES	2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
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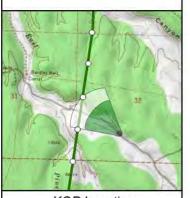
#### Rationale

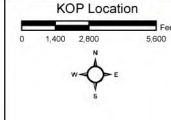
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



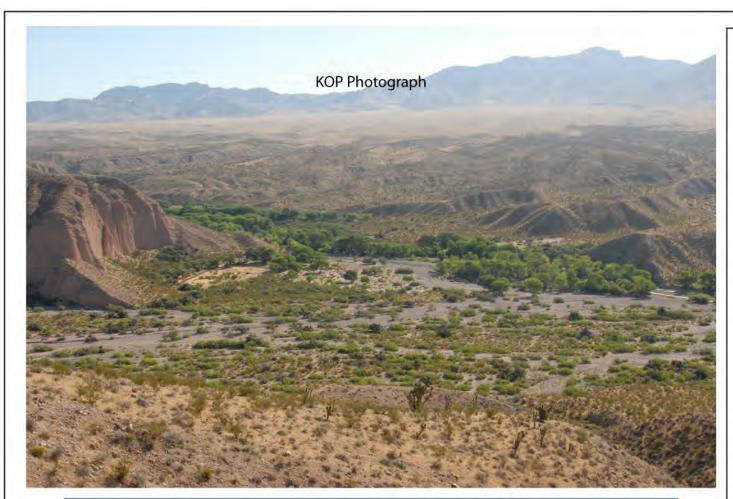


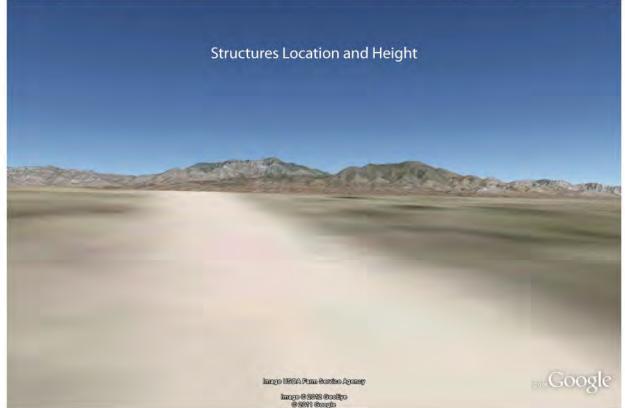
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-12 Backway Loop (Segment 510)









#### Form 8400-4 Sentember 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 08/20/2011

District Ely DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMATION	
1. Project Name TransWest Express	4. Location Tule Spr Hills Sketch  Backway Loop (EB)	
2. Key Observation Point E-13	Township_09S Please see Figure 3.12-	.3
3. VRM Class III (VRI Class IV)	Range 71E Section 10	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and cliffs. Angular foothills and mountains. Meandering stream.	Clumps of riparian trees, shrubs, and Joshua trees.	
LINE	Vertical cliff. Curvilinear valley and stream. Angular foothills and mountains.	Irregular riparian trees, shrubs, and Joshua trees.	
COLOR	Light to medium reddish tan and grey	Light to medium to dark green riparian trees, shrubs, and Joshua trees.	
TEX-	Smooth landform.	Smooth, medium and coarse.	

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
согов		Light silver to dark grey steel lattice structures, guys, and conductors.
TORE		Coarse steel lattice structures, and smooth guys and conductors.

	SEC	CTIC	ON D	. CO	NTF	RAS	ΓRA	TIN	G		sно	RT	TERM VLONG TERM	)*
					F	EAT	URE	S						Control of the Control
DEGREE OF	LA	во	WATI DY 1)	ER	VE	GET	ATIC	ON	ST	RUC	TURI	ES	2. Does project design meet management objectives? (Explain on reverse side)	▼ Yes □ No
CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me	
Form						101	11				X		Evaluator's Names	Date
Line								8	-		х	F	M. Paulson	08/20/2011

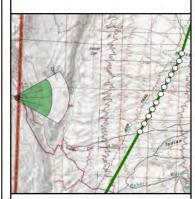
#### Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



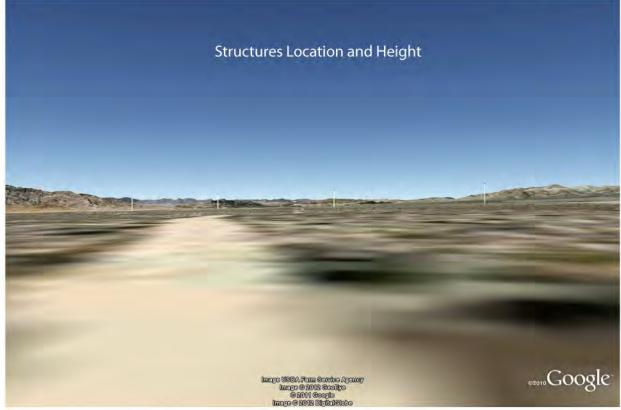
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-13 Tule Spring Hills Backway Loop (eastbound) (Segment 502)









#### Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

4	SECTION A. PROJECT INFORMA	ATION
1. Project Name TransWest Express	4. Location Backway	5. Location Sketch
2. Key Observation Point E-14	Loop. Township 09S	Please see Figure 3.12-3
3. VRM Class IV (VRI Class III)	Range_69E Section_001	

	SECTION	B. CHARACTERISTIC LANDSCAPE DES	CRIPTION
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling plane.	Clumps of Joshua trees, cat's claw, and high desert shrubs.	Planar roadway.
LINE	Horizontal ridgelines.	Irregular Joshua tree and shrub patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey	Silvery green to brownish green Joshua trees and shrubs.	Light to medium reddish brown.
EX-	Smooth landform.	Smooth, medium and coarse.	Smooth.

1. LAND/WATER	3. STRUCTURES				
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Coarse steel lattice structures, and smooth guys and conductors.			

		SEC	CTIC	ON D	. CO	NTI	RAST	ΓRA	TIN	G	Γ:	SHO	RT	TERM  □ LONG TERM		
						F	EAT	URE	S					3 Dans and Julius words	Access and a second	
	DEGREE OF	LA	BO		ER	VI	EGET		ON	ST	RUC (3	TURI	ES	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea		
10	Form		-		-	- 1				х			- 7	Evaluator's Names	Date	
Elements	Line	4(),1-4;		11 11				1	.1.1		х			M. Paulson	09/08/2011	
Sen	Color										х					
-	Texture	11-1										х				

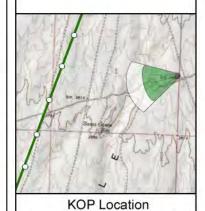
#### Rationale:

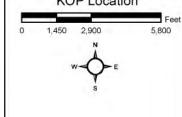
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





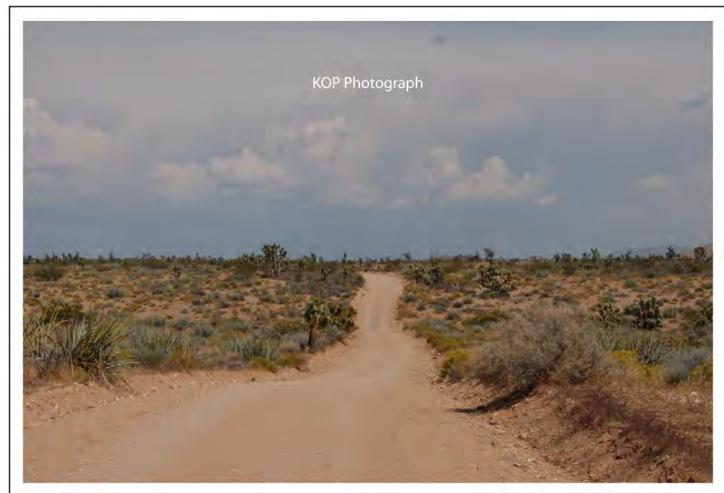
## TRANSWEST EXPRESS TRANSMISSION PROJECT

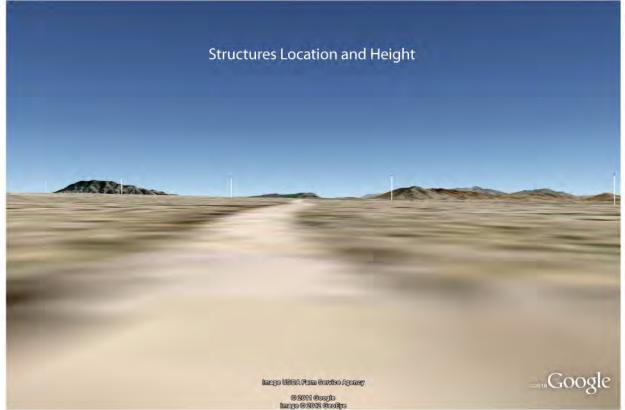
KOP E-14 Backway Loop (Segment 510)



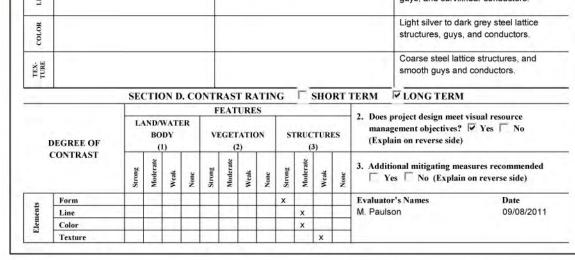








#### Form 8400-4 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 09/08/2011 District Ely DO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location 4. Location Backway Sketch TransWest Express Loop. 2. Key Observation Point Please see Figure 3.12-3 Township 09S Range 69E 3. VRM Class IV (VRI Class IV) Section 011 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Rolling plane. Clumps of Joshua trees, cat's claw, yucca Planar roadway. and high desert shrubs. Horizontal ridgelines. Irregular Joshua tree, yucca, and shrub Curvilinear roadway. Light to medium reddish tan and Light to medium reddish brown. Silvery green to brownish green Joshua trees, yucca, and shrubs Smooth landform. Smooth, medium and coarse, Smooth. SECTION C. PROPOSED ACTIVITY DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Pyramidal steel lattice structures and guys, and tubular conductors. Vertical steel lattice structures, angular guys, and curvilinear conductors.



#### Rationale:

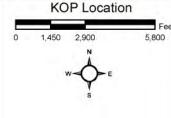
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





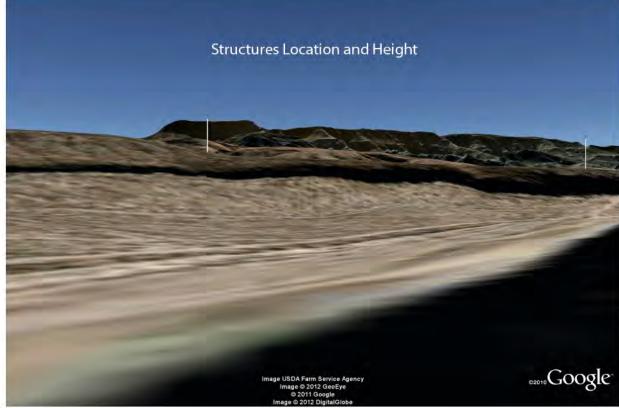
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-15 Backway Loop (Segment 510)











COLOR														Light silver to dar structures, guys,	k grey steel lattice and conductors.	
TURE														Coarse steel lattic	ce structures, and conductors.	
		SEC	CTIC	)N D	. co	NTF	RAST	ΓRA	TIN	G	П	sно	RT :	TERM LONG TERM		
						F	EAT	URE	S					2. Does project design meet	zienal recourse	
	DEGREE OF CONTRAST	LA	ND/V BO		ER	VEGETATION STRUCT							ES		gement objectives? ▼ Yes  No	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea		
	Form	- 1-1								X				Evaluator's Names	Date	
nent	Line										Х			M. Paulson	09/08/2011	
Elements	Color										Х	T T				
-	Texture											x				

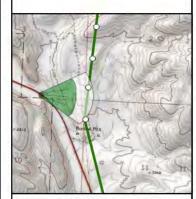
#### Rationale:

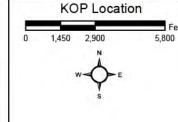
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





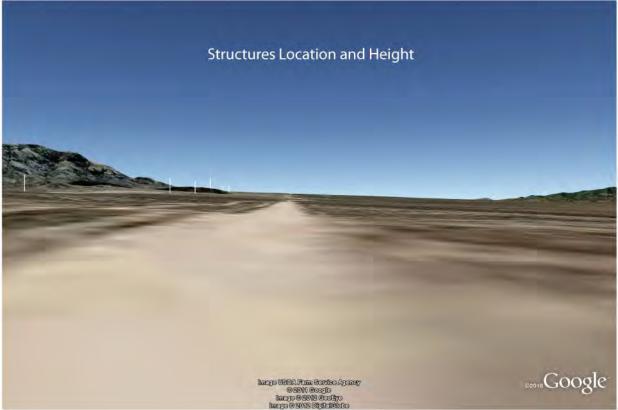
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-16 U.S. 93-Pahranagat (southbound) (Segment 520)









#### Form 8400-4 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 09/08/2011 District Ely DO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location Sketch 4. Location N. Poleline TransWest Express Rd. (southbound) 2. Key Observation Point Please see Figure 3.12-3 Township 03S E-28 Range 64E 3. VRM Class III (VRI Class IV) Section 035 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Foreground rolling and angular Clumps of Joshua trees, desert shrubs Planar h-Frame transmission line and background mountains. and grasses. roadway Angular ridgelines, rock formations, Vertical and horizontal structures and Irregular Joshua trees, shrub and grass and ridges, and horizontal valley. curvilinear roadway and conductors. Light to medium reddish tan and Light to medium tan roadway and dark Silvery green to tan and brownish green Joshua trees, shrubs and grasses. brown t-line structures. grey..

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
0.000		Light silver to dark grey steel lattice structures, guys, and conductors.
TO THE STATE OF TH		Coarse steel lattice structures, and smooth guys and conductors.

Smooth, medium and coarse.

Smooth to medium.

						F	EAT	URE	S				700	2 Dono modern design most	ational movements	
	DEGREE OF	LA	ND/V BO		ER	VE	GET		ON	ST	RUC	TURI	ES	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)		
	CONTRAST	3 2 2			Strong Moderate Weak None	Strong Moderate Weak None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form				1 1 1						х	-		Evaluator's Names	Date	
nent	Line	1 2-1									х			M. Paulson	09/08/2011	
Elements	Color							IE II				х				
-	Texture											x				

#### Rationale:

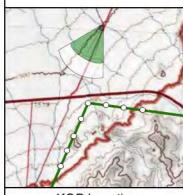
Smooth to coarse landform.

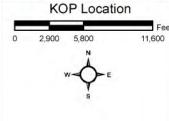
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





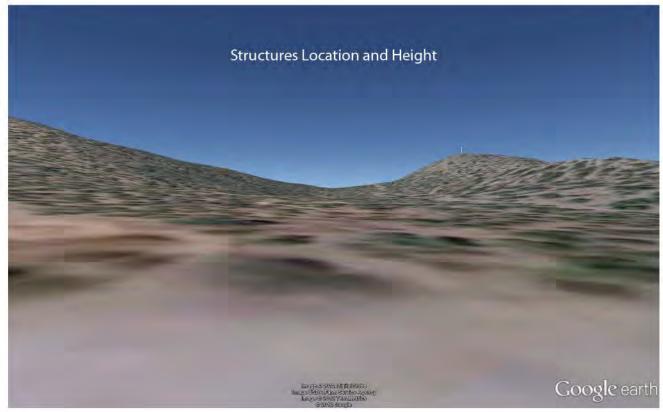
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-28 North Poleline Road (southbound) (Segment 520)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION							
1. Project Name TransWest Express	4. Location Silver State	5. Location Sketch					
2. Key Observation Point E-29	Trailhead and Parking Township_04S	Please see Figure 3.12-3					
3. VRM Class II (VRI Class III)	Range 65E Section 014						

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES						
Foreground rolling and angular mountain.									
LINE	Angular ridgelines, rock formations, and ridges, and horizontal valley	Irregular pinyon-juniper and grass patterns.	Vertical and horizontal fence elements						
COLOR	Light to medium reddish tan and grey	Dark green pinyon-juniper, shrubs and grasses	Light to medium tan roadway and fence.						
TEX-	Smooth to coarse landform.	Smooth, medium and coarse.	Smooth to medium.						

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
гие		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TITA		Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	ON D	. CO	NTE	RAST	r RA	TIN	G	T :	SHO	RT	TERM LONG TERM	
						F	EAT	URE	S	2. Does project design meet visual resource management objectives? ☐ Yes ✔ No (Explain on reverse side)					
DEGREE OF CONTRAST		LA	во	WATI DY 1)	ER	VI	GET		N			STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
·	Form								Х	Х				Evaluator's Names	Date
8	Line		10						Х	Х				M. Paulson	09/08/2011
	Color						1		Х		Х	=1			
4	Tambout			1					v			v			

### Rationale:

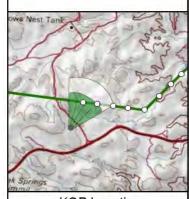
Where the Project would be located with 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not comply with VRM Class II management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong or moderate contrasts to low resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

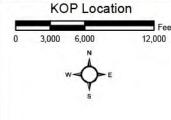
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-688

Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-29 Silver State Trailhead and Parking (Segment 520)





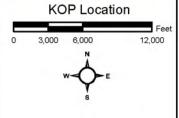
TransWest Express EIS Appendix I I-689





**Project Location** 



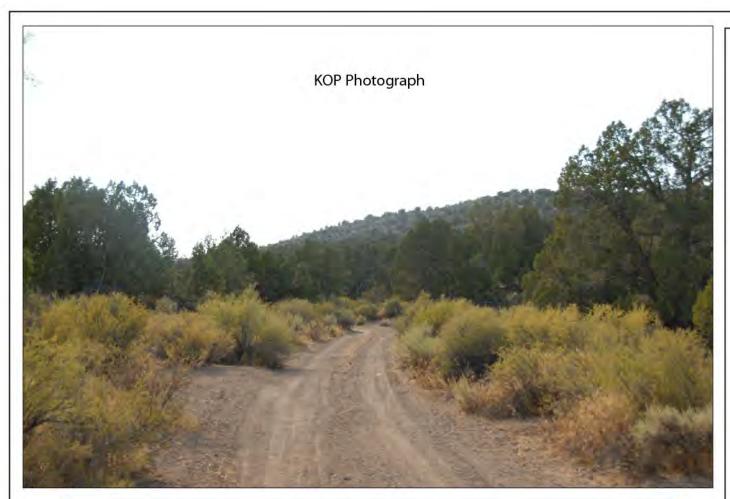


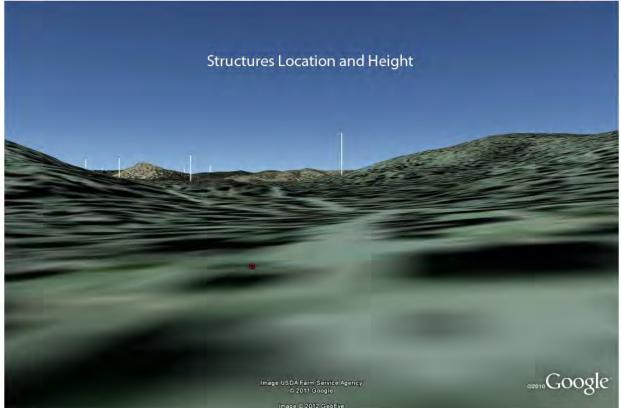
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-29 Simulated Condition (Segment 520)









### Form 8400-4 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 09/08/2011 District Ely DO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location Sketch 4. Location Silver State TransWest Express Trail Road (NB) 2. Key Observation Point Please see Figure 3.12-3 Township 04S E-30 Range 66E 3. VRM Class III (VRI Class III) Section 005 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 3. STRUCTURES 2. VEGETATION Undulating planar land form. Blanket of PJ. Clumps of shrubs and Planar road. grasses. Irregular PJ, shrub and grass patterns. Angular ridgeline. Meandering roadway. Light to medium reddish tan and Medium to dark olive green PJ. Yellowish Light to medium reddish tan. green shrubs and tan grasses... grev. Smooth to medium landform. Smooth, medium and coarse. Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
rive		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
1 N N N N N N N N N N N N N N N N N N N		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2 Door project design most	2 D				
DEGREE OF CONTRAST		LA	ND/N BO	5.51	ER	VE	GET		N	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)	
		age age				None	Strong Moderate Weak None			None	3. Additional mitigating measures recommended  Yes No (Explain on reverse side)				
*	Form	4						1.0		х	1		L. !	Evaluator's Names	Date
ie i	Line							Ī			х			M. Paulson	09/08/2011
Elements	Color							1		1	Х		1		
	Texture	11 11 11		-	1.1		4		17.1	100	-	X			

### Rationale:

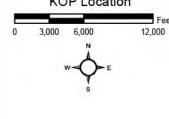
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





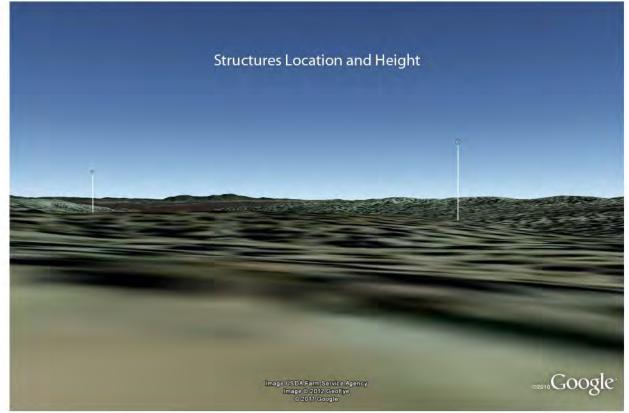
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-30 Silver State Trail Road (northbound) (Segment 520)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A	PROJECT INFO	DRMATION
SECTION A	I HOULET HILL	JIMMATTON

	SECTION IL TROSECT EN ORMIN	1011
1. Project Name TransWest Express	4. Location_Silver State Trail Road (NB)	5. Location Sketch
2. Key Observation Point E-31	Township 04S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	Range_66E Section_006	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES						
FORM	Undulating planar land form. Angular background mountains.	[1988] [24일(1988) 1988 [1989]							
LINE	Angular ridgelines.	Irregular PJ, shrub and grass patterns.	Meandering roadway.						
COLOR	Light to medium reddish tan and grey	Medium to dark olive green PJ. Yellowish green shrubs and tan grasses	Light to medium reddish tan.						
TEX.	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.						

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
True		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

### SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM

						F	EAT	URE	S					2. Does project design meet visual resource	
DEGREE OF		LA	BO	7.7	ER	VI	EGET	ATIC	ON	ST	TRUC	TURI	ES	management objectives?  Yes  No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recomm  ☐ Yes ☐ No (Explain on reverse side	
s	Form									х				Evaluator's Names Date	
Elements	Line			1		1	F				х			M. Paulson 09/08	3/2011
Jen	Color			13							х				
-	Texture		-				- "	1				X			

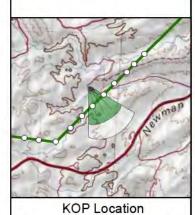
### Rationale:

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



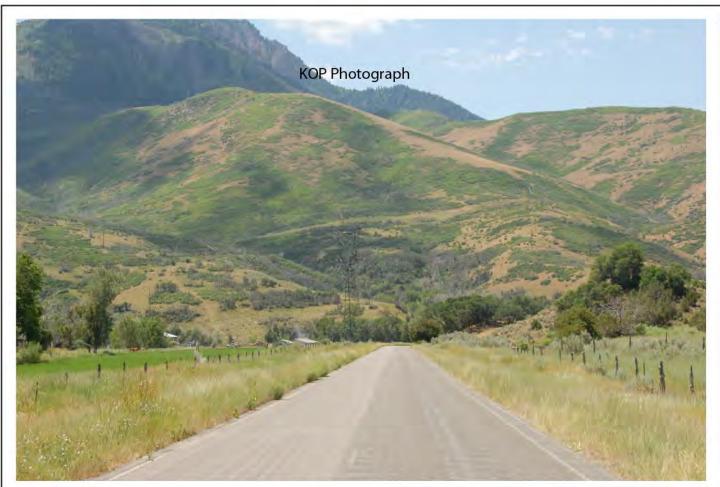
0 3,000 6,000 12,000

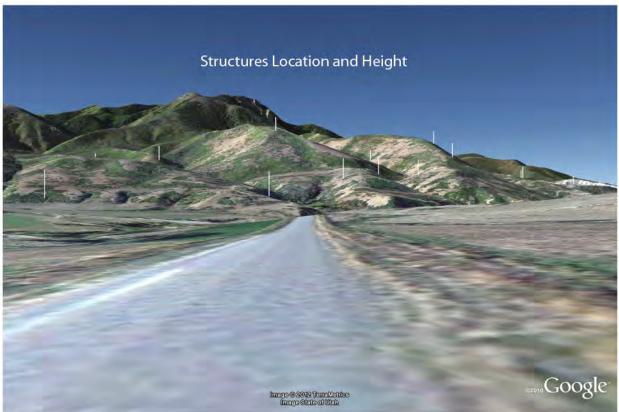
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-31 Silver State Trail Road (northbound) (Segment 520)









1. Project Name

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

SECTION	A. PROJECT INFORMAT	ΓΙΟΝ
7000	4. Location Nebo Loop	5. Location

Please see Figure 3.12-2

Activity (program)

Section\_5

	1. LAND/WATER	1. LAND/WATER 2. VEGETATION									
FORM	Prominent rounded mountains and planar valley floor.	Scattered clumps of conifers, shrubs and grasses.	Prominent steel lattice tower, wood poles, planar roadway and ranch structures.								
LINE	Curvilinear and angular mt. ridges and horizontal valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadways.								
COLOR	Light to medium reddish tan rock formations.	Light to medium to dark green trees, shrubs and grasses.	Dark grey lattice, light to medium poles light to medium grey roadways and buildings.								
TEX.	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium to course lattice								

S	ECTION C. PROPOSED ACTIVITY DESC	CRIPTION
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					
DEGREE OF CONTRAST		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)	
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
,	Form										х			Evaluator's Names	Date
Line											Х			M. Paulson	07/27/2011
Line Color							1-4		Jan J	х	-				
*	Texture							1 1		1		х			

### Rationale:

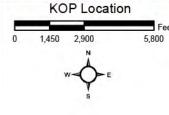
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





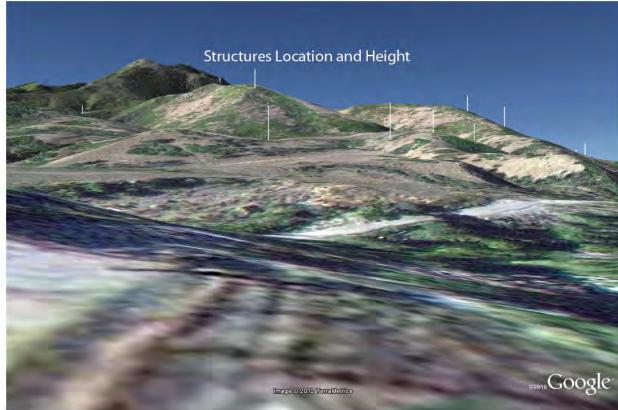
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-1 Nebo Loop Scenic Byway (Segment 320.2)









3. VRM Class

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011 District Fillmore FO Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	ION
	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location_Big Mountain  Campground RV-Park	5. Location Sketch
2. Key Observation Point F-2	Township 13S	Please see Figure 3.12-2
3. VRM Class	Range 2E	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and planar valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent sign, wood poles, and planar roadway.
LINE	Curvilinear and angular mt. ridges and horizontal valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical post and poles.
COLOR	Light to medium reddish tan rock formations.	Light to medium to dark green trees, shrubs and grasses.	Colorful sign, light to medium poles, and light to medium grey roadway.
TEX- TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium

SECTION C. PROPOSED ACTIVITY DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Pyramidal steel lattice structures and guys, and tubular conductors. Vertical steel lattice structures, angular guys, and curvilinear conductors. Light silver to dark grey steel lattice structures, guys, and conductors. Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF		LAND/WATER BODY (1)		VEGETATION (2)			STRUCTURES (3)				management objectives? ✓ Yes ☐ No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form		1								х			Evaluator's Names	Date
ent	Line		= 1	7-1							х			M. Paulson	07/27/2011
Color Texture			1. []							х	-				
	Texture											Х	11		

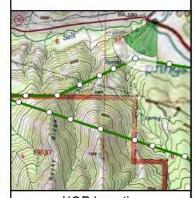
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

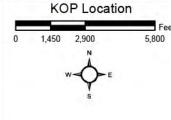
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-693

Project Location



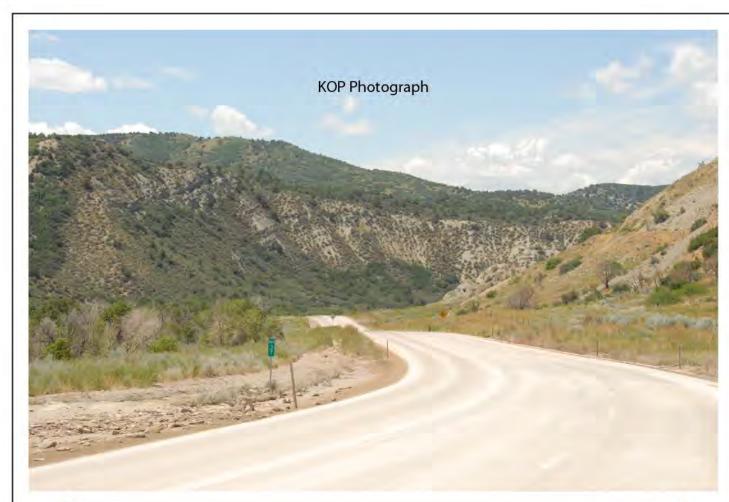


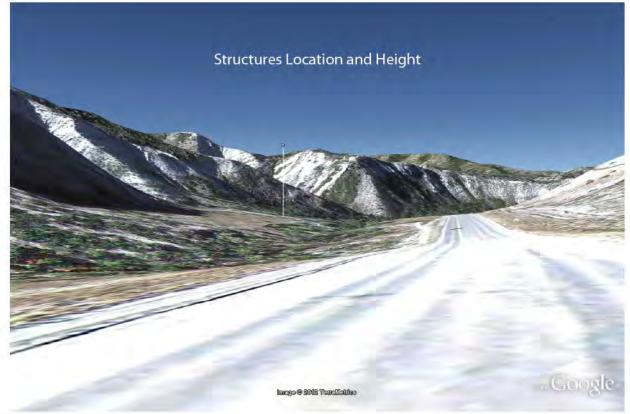
### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-2 Big Mountain Campground RV-Park (Segment 320.2)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION	
1. Project Name TransWest Express	4. Location Utah SH 132	5. Location Sketch	
2. Key Observation Point F-3	WB Township 13S	Please see Figure 3.12-2	
3. VRM Class	Range 1E		

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and narrow valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent planar roadway.
LINE	Curvilinear and angular mt. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal and curvilinear roadway
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roadway.
TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium roadway

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
ring		Vertical steel lattice structures, angular guys, and curvilinear conductors.
0000		Light silver to dark grey steel lattice structures, guys, and conductors.
TEK.		Coarse steel lattice structures, and smooth guys and conductors.

	~	SEC	CTIC	)N D	. CO	NTF	RAST	ΓRA	TIN	G	Γ:	sно	RT	TERM V LONG TERM	l,
			-			F	EAT	URE	S					2 D	diam'r ar
DEGREE OF (1)		VI	GET	ATIO	N	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)					
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me	
s	Form				T					х				Evaluator's Names	Date
E	Line										X			M. Paulson	07/27/2011
Jen	Color		1		.11			-1	= =		х	1			
-	1-0350														

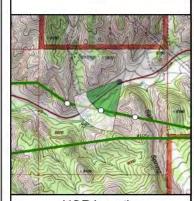
### Rationale:

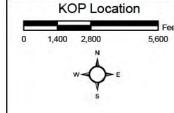
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-3 Utah State Hwy 132 (westbound) (Segment 340)

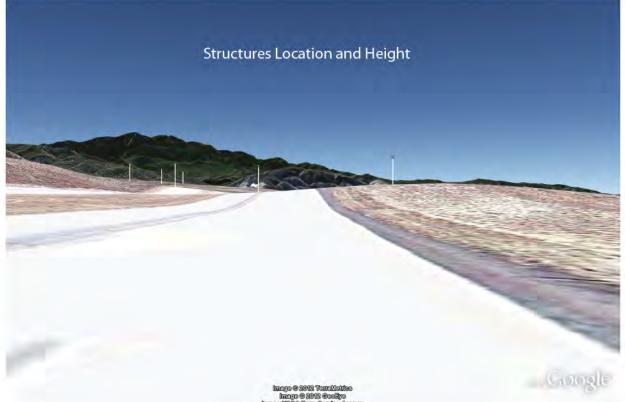




TransWest Express EIS Appendix I I-695







# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

Resource Area

Activity (program)

	SECTION A. PROJECT INFORM	ATION
1. Project Name TransWest Express	4. Location 1-15 SB	5. Location Sketch
2. Key Observation Point F-4	Township 13S  Range 1E	Please see Figure 3.12-2
3. VRM Class	Section_17	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and narrow valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent planar roadway.
LINE	Curvilinear and angular mt. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal and curvilinear roadway
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roadway.
TEX-	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium roadway.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОК		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

### SECTION D. CONTRAST RATING ☐ SHORT TERM VLONG TERM

						F	EAT	URE	S					2. D	
DEGREE OF CONTRAST		LA	BO (1	77	ER	VE	GET	ATIC	ON	STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)	▼ Yes □ No
	CONTRAST	Strong	Strong Moderate Weak None Strong Moderate Weak None				Strong	Moderate Weak	None	3. Additional mitigating measures recommended  ☐ Yes ☐ No (Explain on reverse side)					
9	Form							ij.			х		1, 1	Evaluator's Names	Date
Elements	Line										Х			M. Paulson	07/27/2011
E E	Color										X				
-	Texture											Х			

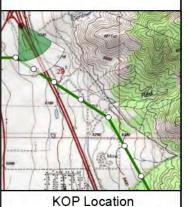
### Rationale

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



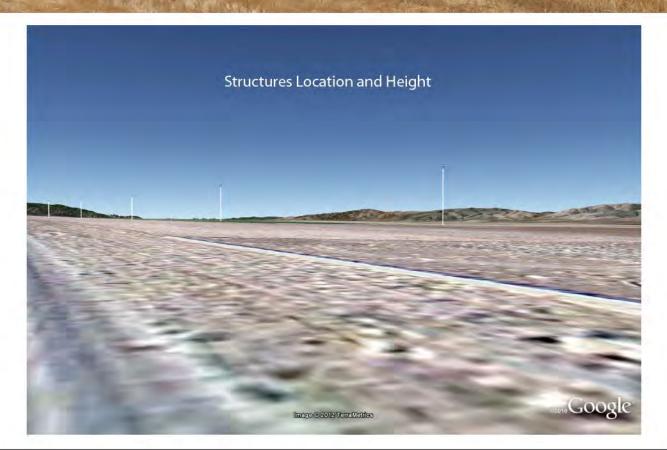
0 1,450 2,900 5,800

## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-4 Interstate 15 (southbound) (Segment 340)







1. Project Name

Ш

TransWest Express 2. Key Observation Point

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011 District Fillmore FO

Resource Area Activity (program)

SECTION A. PROJECT INFORMATION 5. Location Sketch 4. Location Utah SH 41 Please see Figure 3.12-2 Township 12S

Range 1E 3. VRM Class Section 17

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Background rounded mountains and narrow valley floor.	그렇게 하는 일반이 되면 하는 어림을 만든 경기를 보면 되었다. 그리는 사람이 되는 것은 사람이 없는 것이 없는 것이 없다면 하는 것이 없다면 하는 것이 없다.					
ENE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal and vertical structures.				
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and structures.				
TEX-	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.				

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
rive		Vertical steel lattice structures, angular guys, and curvilinear conductors.
ROTO		Light silver to dark grey steel lattice structures, guys, and conductors.
TORE		Coarse steel lattice structures, and smooth guys and conductors.

				11		F	EAT	URE	S	2 D					
DEGREE OF		LA	ND/V BO	7,51	ER	VE	GET		ON	STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form		7								х			Evaluator's Names	Date
Elements	Line										X			M. Paulson	07/27/2011
en	Color										Х				
~	Texture											х			

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

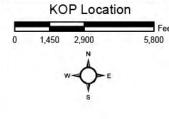
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-697

Project Location





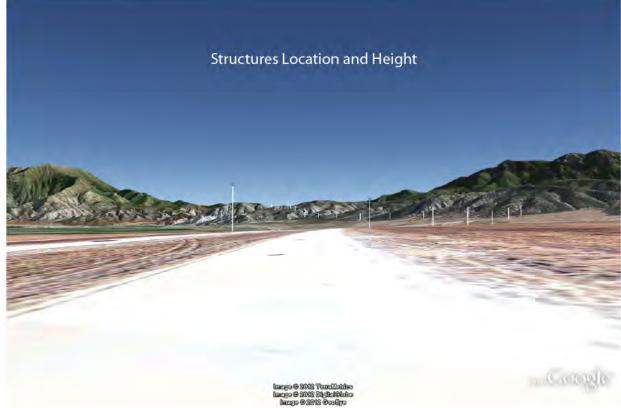
### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-5 Utah State Hwy 41 (southbound) (Segment 340)









1. Project Name
TransWest Express
2. Key Observation Point

3. VRM Class IV (VRI Class III)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

SEC	TION A. PROJECT INFORMA	ATION	
	4. Location <u>I-15 NB</u> Township <u>13S</u> Range <u>1E</u> Section 19	5. Location Sketch  Please see Figure 3.12-2	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinon- juniper, shrubs and grasses.	Cylindrical poles and planar roadway lanes.
LINE	Curvilinear and angular mt. ridges and inclined planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal roads.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and light to medium grey roads.
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

	SECTION C. PROPOSED ACTIVITY DESC	CRIPTION			
1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Coarse steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S	2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)					
DEGREE OF		LA	ND/V BO	9.9	R	VE	GET.		N			STRUCTURES (3)			
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form			-			Ιij			х				Evaluator's Names	Date
Elements	Line						1 : 11		,==1		х			M. Paulson	07/27/2011
Ten Sem	Color									, 11	х				
-	Texture						144					х			

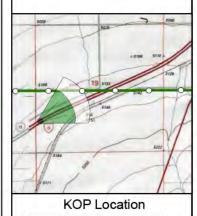
### Rationale:

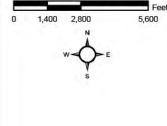
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





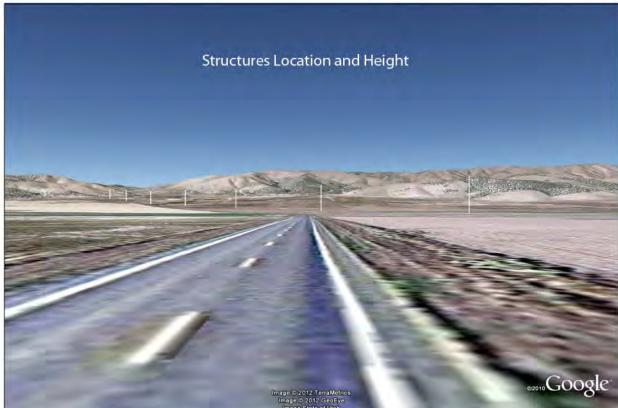
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-6 Interstate 15 (northbound) (Segment 350)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location Utah SH 132	5. Location Sketch
2. Key Observation Point F-7	(westbound) Township 13S	Please see Figure 3.12-2
3. VRM Class III	Range 1W Section 1	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES					
FORM	Background rounded mountains and wide valley floor.	HE 특별 [1982] [1982] 이 10 11 11 11 11 11 11 11 11 11 11 11 11						
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles, horizontal road, and horizontal and vertical structures.					
COLOR	Light to medium reddish tan landforms	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and grey road and structures.					
TEX. TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.					

SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES
	Pyramidal steel lattice structures and guys, and tubular conductors.
	Vertical steel lattice structures, angular guys, and curvilinear conductors.
	Light silver to dark grey steel lattice structures, guys, and conductors.
	Coarse steel lattice structures, and smooth guys and conductors.
	2. VEGETATION

SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM FEATURES Does project design meet visual resource LAND/WATER management objectives? ▼ Yes □ No STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Evaluator's Names Date Form M. Paulson 08/18/2011 Line Color Texture

### Rationale:

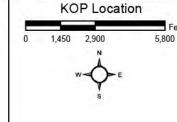
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





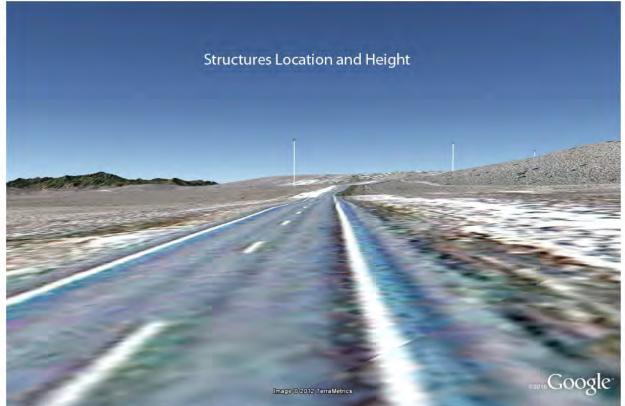
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-7 Utah State Hwy 132 (westbound) (Segment 340)









1. Project Name TransWest Express 2. Key Observation Point

3. VRM Class

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SEC	TION A. PROJECT INFORMAT	ION	
	4. Location Utah SH 132	5. Location Sketch	
	(westbound) Township 13S	Please see Figure 3.12-2	
	Range 2W		

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges.	Blanket and scattered clumps of pinon- juniper, shrubs and grasses.	Planar road.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Horizontal road.
COLOR	Light to medium reddish tan landforms	Light to medium to dark green trees, shrubs and grasses.	Medium grey road.
TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
PORM		Pyramidal steel lattice structures and guys, and tubular conductors.
CINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
C01.08		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2 Does project design most	rdenal managemen
-	DEGREE OF (1) VEGETATION STRUCTURES (3)		<ol> <li>Does project design meet visual resource management objectives?</li></ol>												
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form								11	х				Evaluator's Names	Date
ne m	Line								j= [[		Х			M. Paulson	08/18/2011
Element	Color								1		X				
-	Texture								7			х			

### Rationale:

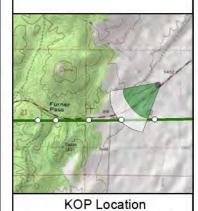
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

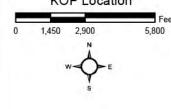
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-700

Project Location



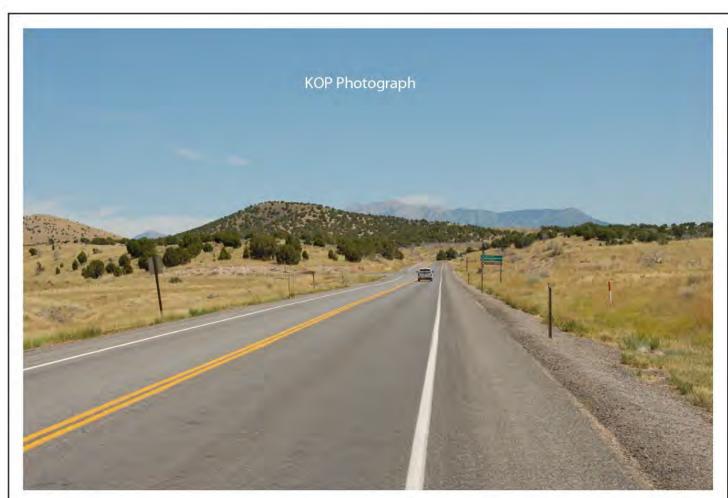


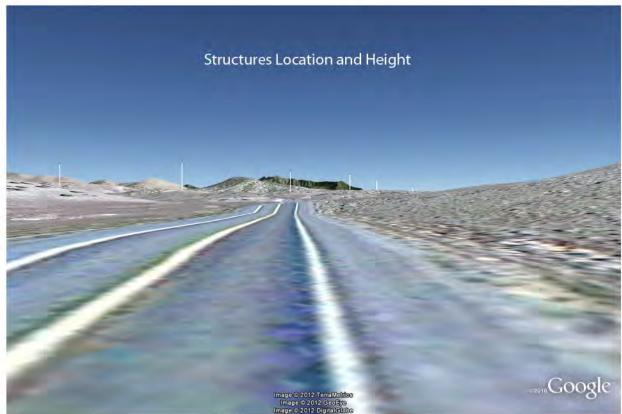
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-8 Utah State Hwy 132 (westbound) (Segment 360)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	1011
1. Project Name TransWest Express	4. Location Utah SH 132 (eastbound)	5. Location Sketch
2. Key Observation Point F-9	Township 13S	Please see Figure 3.12-2
3. VRM Class IV	Range 2W Section 29	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
Angular ridges.		Angular ridges.  Blanket and scattered clumps of pinon-juniper, shrubs and grasses.			
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Horizontal road.		
COLOR	Light to medium grey and tan landforms	Light to medium to dark green trees, shrubs and grasses.	Medium grey road.		
TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.		

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
Косос		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ▼ Yes No VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST Additional mitigating measures recommended Yes No (Explain on reverse side) Evaluator's Names Form M. Paulson 08/18/2011 Line Texture

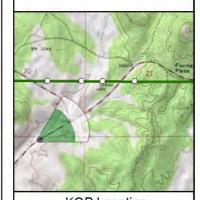
### Rationale:

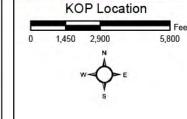
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-9 Utah State Hwy 132 (eastbound) (Segment 360)









### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

### SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 6 (westbound)	5. Location Sketch
2. Key Observation Point F-10	Township_13S	Please see Figure 3.12-2
3. VRM Class	Range 4W Section 23	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges.	Planar pipeline ROW, clumps and blankets, of shrubs and grasses.	Planar road and fenceline.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Linear ROW and indistinct shrub and grass pattern edges.	Horizontal road and fenceline.
COLOR	Light to medium tan and brown landforms	Light to medium to dark green ROW and light to medium tan shrubs and grasses.	Medium grey road and dark brown fenceposts
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
0000		Light silver to dark grey steel lattice structures, guys, and conductors.
TRY		Coarse steel lattice structures, and smooth guys and conductors.

#### SECTION D. CONTRAST RATING SHORT TERM LONG TERM FEATURES LAND/WATER VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Evaluator's Names Date Form 08/18/2011 Line M. Paulson Color

### Rationale:

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

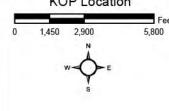
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-702

Project Location





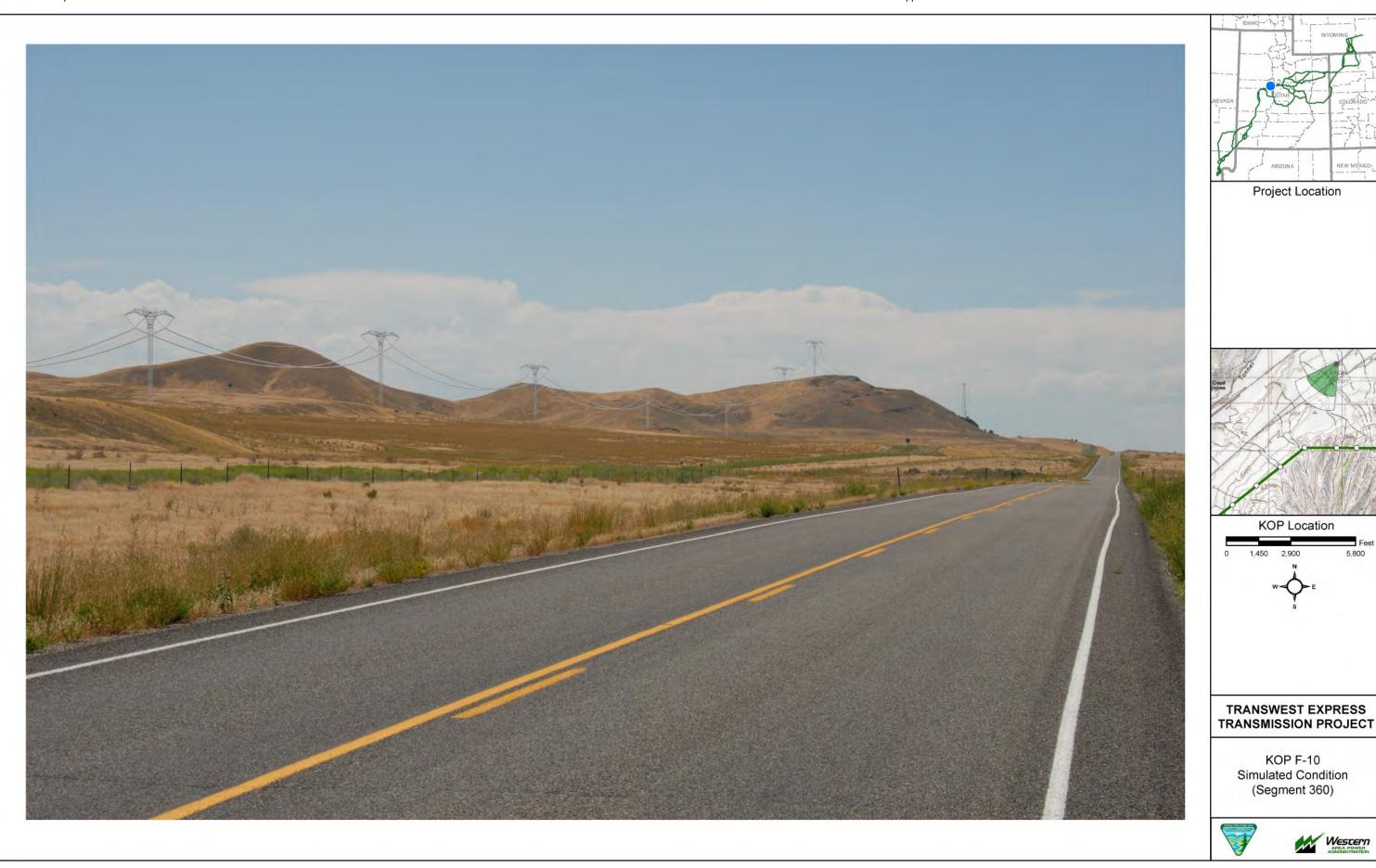
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-10 U.S. 6 (westbound) (Segment 360)





TransWest Express EIS Appendix I I-703







## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location Little Sahara	5. Location Sketch
2. Key Observation Point F-11	Nat. Rec. Area Road  Township 13S	Please see Figure 3.12-2
3. VRM Class III (VRI Class III)	Range 5W Section 26	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges, rolling dunes, and planar valley floor	Clumps and blankets of sagebrush and grasses. Blankets of PJ in background.	
LINE	Curvilinear dunes, and angular mt. ridges and planar valley floor.	Indistinct shrub and grass pattern edges.	
COLOR	Very light to medium tan landforms	Light to medium silver green sagebrush and light tan grasses.	
TURE	Smooth to medium landforms.	Smooth, medium and coarse.	

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES
	Pyramidal steel lattice structures and guys, and tubular conductors.
	Vertical steel lattice structures, angular guys, and curvilinear conductors.
	Light silver to dark grey steel lattice structures, guys, and conductors.
	Coarse steel lattice structures, and smooth guys and conductors.
	2. VEGETATION

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF CONTRAST		LA	VE	GET.	77.55	ON	STRUCTURES (3)			s	management objectives?  Yes No (Explain on reverse side)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s.	Form									0	х			Evaluator's Names	Date
Elements	Line										Х			M. Paulson	08/18/2011
Ten.	Color Texture										X				
-										1		х		1	

### Rationale:

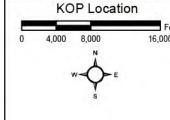
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





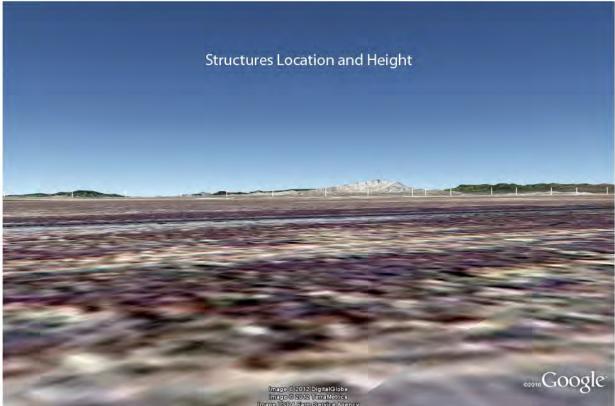
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-11 Little Sahara Recreation Area Road (Segment 360)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION	
1. Project Name TransWest Express	4. Location U.S. 6 View Northwest	5. Location Sketch	
2. Key Observation Point F-12	Township 14S	Please see Figure 3.12-2	
3. VRM Class	Range 5W		

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges, rolling dunes, and planar valley floor	Clumps of grasses and shrubs and blanket of grasses. Band of PJ in foreground and blanket of PJ in background.	Planar railroad bed and fencelines.
LINE	Curvilinear dunes, and angular mt. ridges and planar valley floor.	Indistinct shrub and grass pattern edges.	Horizontal railroad bed, conductors and vertical fenceposts.
COLOR	Very light to medium tan landforms	Light to medium tan and brown grasses. Light olive green veg in immediate foreground.	Medium to dark grey railroad bed and conductors. Dark brown rails and fence posts.
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2 Does project design most	rional vacannas
DEGREE OF CONTRAST		LAND/WATER BODY (1)		VEGETATION (2)			STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form										Х			Evaluator's Names	Date
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Elem		_	1.44	14.		_ (					х				
-	Torture		11									v			

### Rationale:

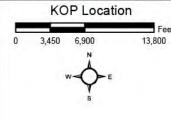
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





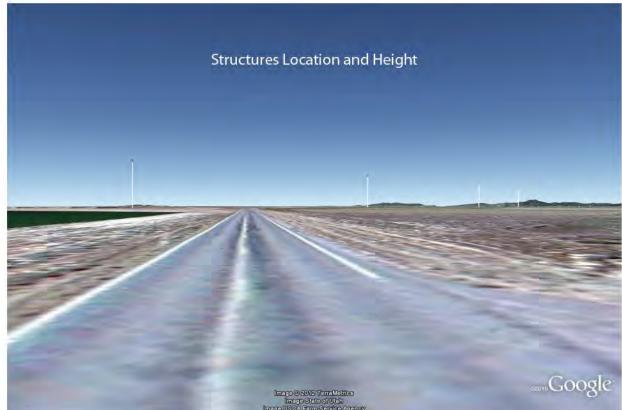
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-12 U.S. 6 (northwest) (Segment 360)









1. Project Name

3. VRM Class IV

F-13

TransWest Express

2. Key Observation Point

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/12/2011

District Fillmore FO

Resource Area

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
Planar valley floor		Planar grasses and clumps of shrubs.	Cubed building, pyramidal transmission line structures, and cylindrical poles.		
LINE	Horizontal line of valley floor.	Indistinct shrub and grass pattern edges.	Vertical and horizontal building, vertical poles and t-line structures.		
COLOR	Very light to medium tan landform.	Light to medium tan and brown grasses. Light olive green veg in immediate foreground.	Light tan to medium brown structure, grey t-lines and roadway. Dark brown poles and fence posts.		
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.		

Section 14

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		-	FEATURES											2. Does project design meet visual resource	
DEGREE OF CONTRAST		LA	VEGETATION (2)				STRUCTURES (3)			ES	management objectives? ▼ Yes □ No (Explain on reverse side)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form										х			Evaluator's Names	Date
ents	Line		7 -	17-5							X			M. Paulson	11/12/2011
Elem				11 = 11							X	- 1			
-			1.5									X			

### Rationale:

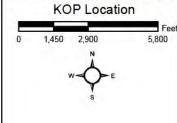
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





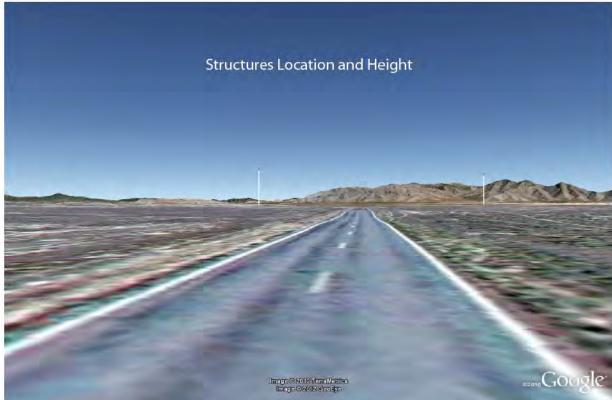
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-13 U.S. 6 (southbound) (Segment 380)









1. Project Name TransWest Express

3. VRM Class

2. Key Observation Point

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/12/2011

District Fillmore FO

Resource Area

Activity (program)

SEC	TION A. PROJECT INFORM	ATION	
	4. Location U.S. 6 (northbound) Township 15S Range 15W	5. Location Sketch Please see Figure 3.12-2	

	SECTION E	S. CHARACTERISTIC LANDSCAPE DES	SCRIPTION			
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Planar valley floor	Clumps of deciduous trees and shrubs.	Cubed building, pyramidal transmission line structures, and cylindrical poles.			
LINE	Horizontal line of valley floor.	Indistinct trees, shrub and grass pattern edges.	Vertical and horizontal building, vertical poles and t-line structures.			
COLOR	Very light to medium tan landform.	Light to medium tan and brown trees, shrubs andgrasses.	White and light grey structures and grey roadway. Light to medium brown poles and fence posts.			
TEX-	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.			

Section 22

1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
E L		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
Сосов		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Coarse steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S	2 D					
DEGREE OF		LA	VE	GET.	20000	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ✓ Yes ☐ No (Explain on reverse side)					
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
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ent	Line				3-						Х				11/12/2011
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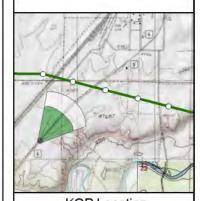
### Rationale:

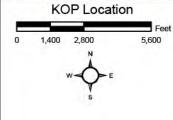
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-14 U.S. 6 (northbound) (Segment 380)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011 District Fillmore FO Resource Area Activity (program)

	SECTION A. PROJECT INFORMATION	
1. Project Name TransWest Express	4. Location Utah SH 174 S. Location Sketch (westbound)	
2. Key Observation Point F-15	Township_15S Please	see Figure 3.12-2
3. VRM Class	Range 6W	

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
Planar valley floor and angular mountains.	Clumps of deciduous trees and shrubs.	Cubed building, inclined conveyer, cylindrical stack, grided substation and pyramidal transmission line structures.
Horizontal line of valley floor and angular lines of mountains.	Indistinct trees, shrub and grass pattern edges.	Vertical and horizontal building and substation, inclined conveyer, vertical t-

mountains. Horizontal line of va angular lines of mo line structures and fence posts. Very light to medium tan landform. Light to medium tan and brown trees, Light to medium tans and browns in structure. Light to dark grey stack. Light to medium grey sub & t-line. fence posts. shrubs andgrasses. Smooth to medium landforms. Smooth, medium and coarse. Smooth to coarse structures.

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	SECTION C. PROPOSED ACTIVITY DESC	CRIPTION		
1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM		Delta steel lattice structures and guys, and tubular conductors.		
Tring		Vertical steel lattice structures, angular guys, and curvilinear conductors.		
C0L0R		Light silver to dark grey steel lattice structures, guys, and conductors.		
TURE		Coarse steel lattice structures, and smooth guys and conductors.		

		FEATURES												2. Does project design meet visual resource	
DEGREE OF		LAND/WATER BODY (1)					VEGETATION (2)				RUC	TURI	ES	management objectives? ▼ Yes □ No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
90	Form										х			Evaluator's Names	Date
lent	Line					-	1.				х			M. Paulson	08/18/2011
Elements	Color										х				
	Texture											х			

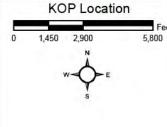
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





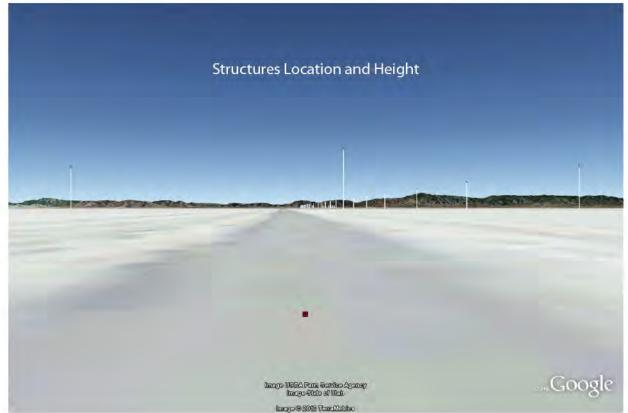
### TRANSWEST EXPRESS TRANSMISSION PROJECT

**KOP F-15** Utah State Hwy 174 (westbound) (Segment 420)









1. Project Name

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A	. PROJECT INFORMAT	ION	1
	4. Location Utah SH 174	5.	Location Sketch
	(easthound)		

Please see Figure 3.12-3

| Section 16 | SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains in background.	Clumps of deciduous trees and shrubs.	Cubed building, cylindrical stack, and pyramidal transmission line structures. Planar roadways.
TINE	Horizontal line of valley floor and angular lines of mountains.	Indistinct tree and shrub pattern edges.	Vertical and horizontal building and substation and vertical t-line structures. Horizontal roadways.
COLOR	Very light grey and tan landform.	Medium to dark olive green trees and shrubs.	Light to medium tans in structure. Light to medium grey stack. Light to medium grey t-lines and roadways.
TEX.	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES
	Pyramidal steel lattice structures and guys, and tubular conductors.
	Vertical steel lattice structures, angular guys, and curvilinear conductors.
	Light silver to dark grey steel lattice structures, guys, and conductors.
	Coarse steel lattice structures, and smooth guys and conductors.
	2. VEGETATION

DEGREE OF		FEATURES												2. Does project design meet visual resource		
		LAND/WATER BODY (1)					EGET		N	STRUCTURES (3)				management objectives?   ✓ Yes   No  (Explain on reverse side)		
CONTRAST	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
20	Form	4 144		1										Evaluator's Names	Date	
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Elements	Color	4 [1]	11			1			1				11 -1			
_	T .															

### Rationale:

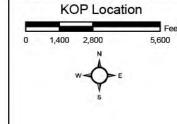
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





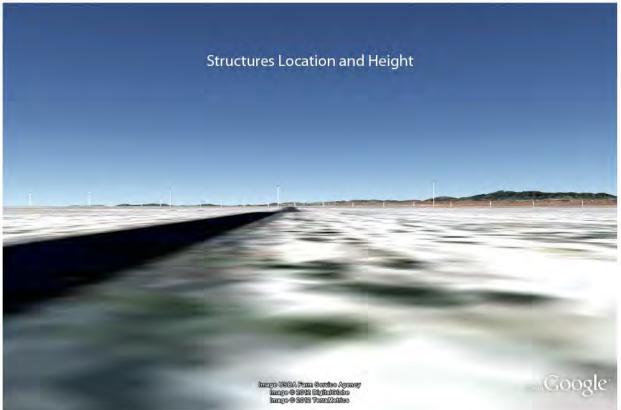
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-16 Utah State Hwy 174 (eastbound) (Segment 450)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORM	ATION
1. Project Name TransWest Express	4. Location_U.S. 50 (westbound)	5. Location Sketch
2. Key Observation Point F-17	Township_18S	Please see Figure 3.12-3
3. VRM Class IV	Range 9W Section 18	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Clumps of shrubs and grasses.	Pyramidal and planar transmission line structures. Planar roadway.
LINE	Horizontal line of valley floor and angular lines of distant mountains.	Indistinct shrub and grass pattern edges.	Vertical and horizontal t-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and green shrubs and grasses.	Light to dark grey and brown t-lines. Medium to dark grey roadway.
TEX- TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>РОКМ</b>		Delta steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF		LA	VI	EGET		ON	STRUCTURES (3)				management objectives? ▼ Yes □ No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating med Yes No (Explain	
s	Form											х		Evaluator's Names	Date
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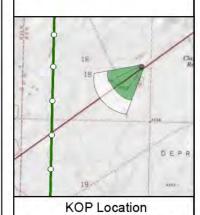
### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



1,450 2,900

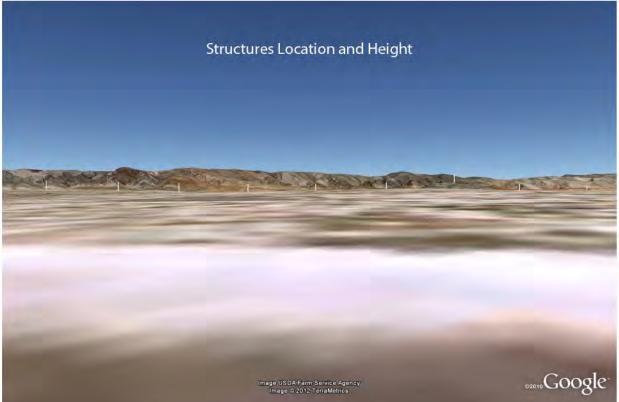


KOP F-17 U.S. 50 (westbound) (Segment 460)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011 District Fillmore FO Resource Area Activity (program)

SECTION	A. PROJECT INFO	ORMATION
		5 Tor

1. Project Name TransWest Express	4. Location Utah SH 257 (southbound)	5. Location Sketch
2. Key Observation Point F-22	Township 23S	Please see Figure 3.12-3
3. VRM Class	Range 10W	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Clumps of shrubs and grasses.	Pyramidal and planar transmission line structures. Planar roadway.
LINE	Horizontal line of valley floor and angular lines of distant mountains.	Indistinct shrub and grass pattern edges.	Vertical and horizontal t-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and green shrubs and grasses.	Light to dark grey and brown t-lines. Medium to dark grey roadway.
TEX- TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Delta steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	ON D	. CO	NTF	RAS	ΓRA	TIN	G	L :	SHO	RT	TERM    ✓ LONG TERM		
						F	EAT	URE	S					1 D	Carrier and Carrier	_
_	DEGREE OF	LA	во	WATI DY 1)	ER	VI	GET	ATIC	N	ST	RUC		ES	2. Does project design meet management objectives? (Explain on reverse side)	▼ Yes □ No	
(	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me Yes No (Explain		
	Form										х			Evaluator's Names	Date	_

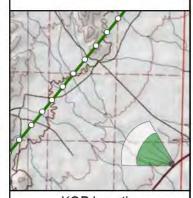
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me  Yes No (Explain	easures recommended n on reverse side)
8	Form										х			Evaluator's Names	Date
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Elem	Color										11-11	х			
-	Texture					3_11						-	x		

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



**KOP Location** 2,700 5,400

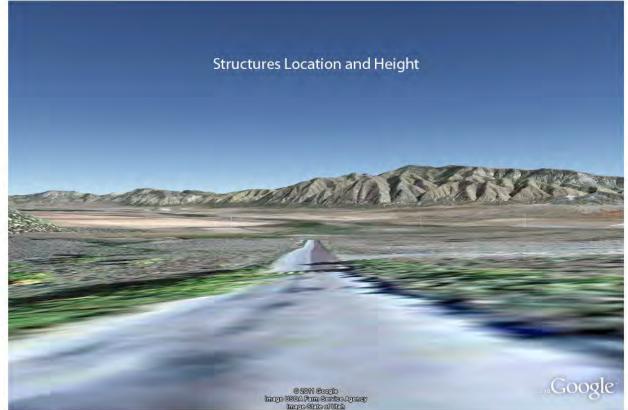
### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-22 Utah State Hwy 257 (southbound) (Segment 480)









### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TON
1. Project Name TransWest Express	4. Location Maple Grove Campground	5. Location Sketch
2. Key Observation Point F-23	Township 21S	Please see Figure 3.12-2
3. VRM Class USFS SIO High	Range 2.5W Section 1	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Blanket and scattered clumps of pinon-Prominent rounded mountains and Planar roadway and wooden poles. wide planar valley floor. juniper, shrubs and grasses. Curvilinear and angular mt. ridges Irregular tree and shrub pattern edges. Horizontal roadway and vertical poles. and horizontal valley floor. Light to medium reddish tan and grey Light to medium to dark green trees, Light to medium grey roads and medium rock formations shrubs and grasses. brown poles. Smooth to medium. Smooth to medium landforms. Smooth, moderate and coarse.

	SECTION C. PROPOSED ACTIVITY DESC	CRIPTION			
1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Coarse steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S						
DEGREE OF CONTRAST		LA	VE	GET		ON	STRUCTURES (3)				2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form								Х		Х			Evaluator's Names	Date
ie i	Line Color	5 (2.5)							Х		Х			M. Paulson	07/28/2011
Elements			11 1 1						Х		Х	TI			
_	Texture		1 1	1					X			X			

### Rationale

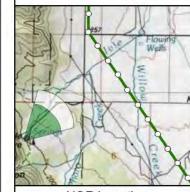
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

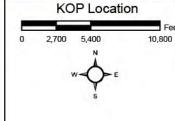
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-712

Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-23 Maple Grove Campground (Segment 330.1)

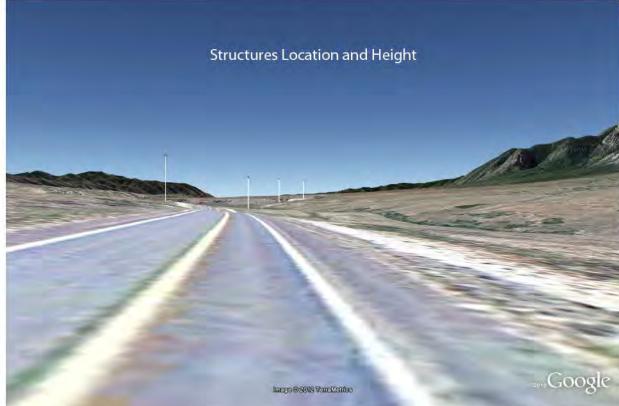




TransWest Express EIS Appendix I







1. Project Name

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION	A. PROJECT INFORMA	TION
	4. Location US 50 EB	5. Location

Please see Figure 3.12-2

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinon- juniper, shrubs and grasses.	Planar roadway.
LINE	Curvilinear and angular mt. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadway.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roads and medium brown poles.
TEX.	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

Pyramidal steel lattice structures and guys, and tubular conductors.  Vertical steel lattice structures, angular
Vertical steel lattice structures, angular
guys, and curvilinear conductors.
Light silver to dark grey steel lattice structures, guys, and conductors.
Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	ON D	. CO	NTI	RAS	T RA	TIN	G		SHO	RT	TERM  □ LONG TERM	
						F	EAT	URE	S					3 D	4.0.40.00.00
	DEGREE OF	LA	LAND/WATER BODY (1)				VEGETATION STRUCT				ES	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)			
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form									х				Evaluator's Names	Date
Elements	Line										х			M. Paulson	07/27/2011
Slem	Color										х				
1	Texture		1	-			-	-				Y			

### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location

1,450 2,900 5,800

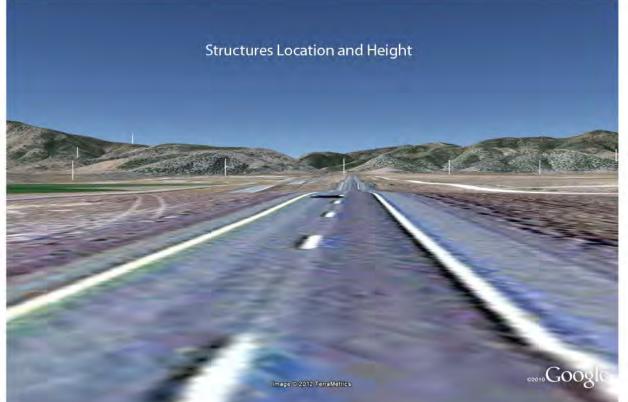
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-24 U.S. 50 (eastbound) (Segment 330.1)









#### 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Prominent rounded mountains and Blanket and scattered clumps of pinon-Cylindrical poles, planar roadway, and wide valley floor. juniper, shrubs and grasses. billboard structures. Curvilinear and angular mt. ridges Irregular tree and shrub pattern edges. Vertical poles, horizontal roadway and and inclined planar valley floor. horizontal and vertical structures. Light to medium reddish tan and grey Light to medium to dark green trees, Medium to dark brown poles, light to rock formations. shrubs and grasses. medium grey road lanes and multicolored structures. Smooth to medium landforms. Smooth, moderate and coarse. Smooth to medium. SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
согом		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2. Does project design meet	and accords
DEGREE OF CONTRAST		LA	ND/V BO		ER	VE	GET	ATIC	N	ST	∀ Yes  No				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
9	Form									х				Evaluator's Names	Date
Elements	Line										X	1. 1		M. Paulson	07/27/2011
len	Color	7									х				
-	Texture											х			

1. Project Name

F-25 3. VRM Class

TransWest Express

IV (VRI Class III)

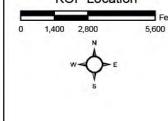
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-715





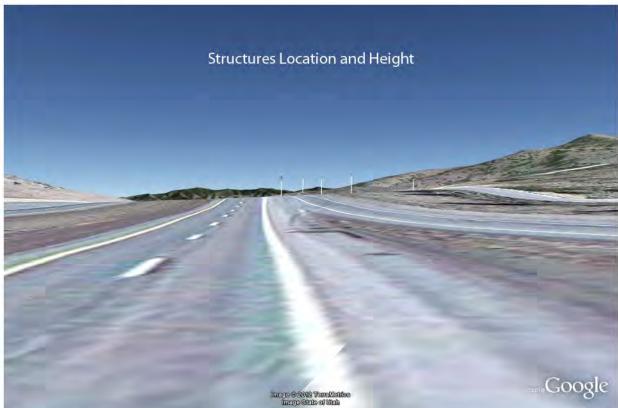
### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-25 Interstate-15 (southbound) (Segment 400)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORM.	ATION
1. Project Name TransWest Express	4. Location 1-15 NB	5. Location Sketch
2. Key Observation Point F-26	Township 18S  Range 3W	Please see Figure 3.12-2
3. VRM Class IV (VRI Class III)	Section_34	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinon- juniper, shrubs and grasses.	Cylindrical poles and planar roadway lanes.
LINE	Curvilinear and angular mt. ridges and inclined planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal roads.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and light to medium grey roads.
TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S				- 1		Action States
	DEGREE OF	LA	BO:	DY	ER	VI	EGET	ATIC	ON	SI	RUC		ES	2. Does project design meet management objectives? (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
	Form									х				Evaluator's Names	Date
Jements	Line										х			M. Paulson	07/27/2011
E	Color	31		10.11				1			X	7.7			

### Rationale

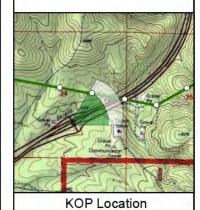
Texture

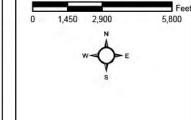
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



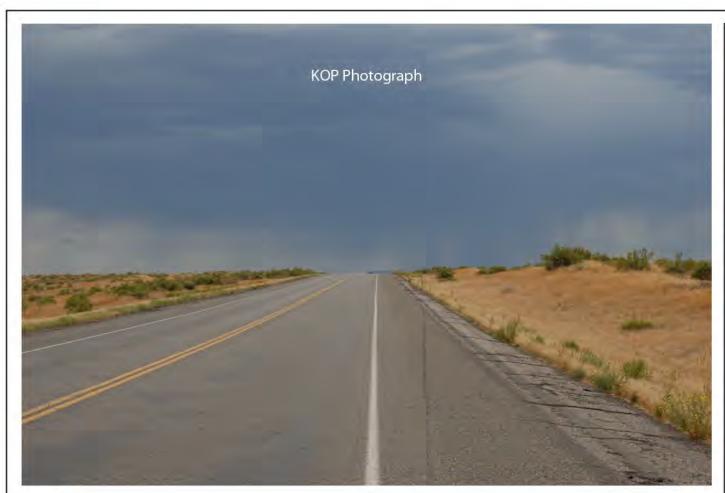


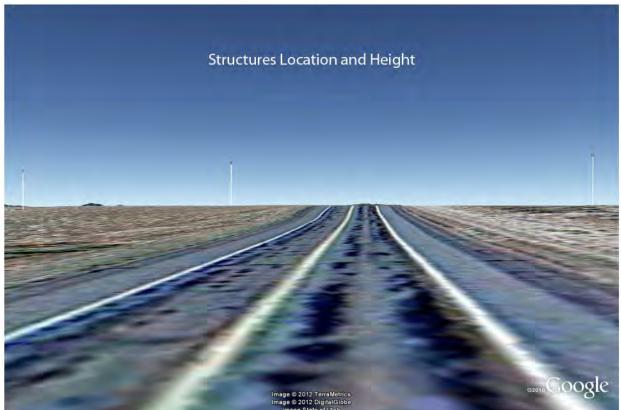
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-26 Interstate 15 (northbound) (Segment 410)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORM	ATION
1. Project Name TransWest Express	4. Location U.S. 6 (southbound)	5. Location Sketch
2. Key Observation Point F-27	Township 16S	Please see Figure 3.12-2
3. VRM Class	Range 6W	
IV (VRI Class III)	Section 13	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Planar to gently rolling valley floor.	Blanket and scattered clumps of shrubs and grasses.	Planar roadway lanes.			
LINE	Horizontal and slightly angular foreground skyline.	Irregular shrub and grass pattern edges.	Horizontal road.			
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey road.			
TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.			

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
80700		Light silver to dark grey steel lattice structures, guys, and conductors.
TRX		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2 Does project design most	rianal vacannas		
	DEGREE OF	LA	BO		ER	VEGETATION STRUC						TURI	ES	2. Does project design meet visual resource management objectives? ▼ Yes □ No (Explain on reverse side)			
CONTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea			
s	Form									х				Evaluator's Names	Date		
ent	Line										X			M. Paulson	08/18/2011		
Elements	Color										Х			7.00			
	Texture											X	11 -1				

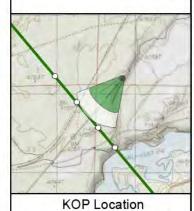
### Rationale:

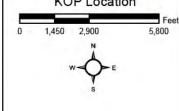
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





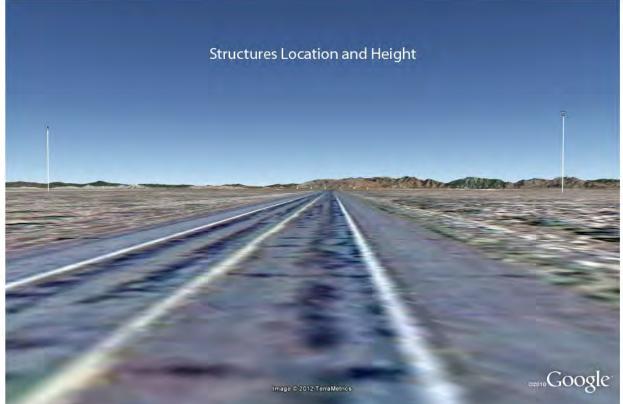
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-27 U.S. 6 (southbound) (Segment 410)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

### SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 6 (northbound)	5. Location Sketch
2. Key Observation Point F-28	Township 16S	Please see Figure 3.12-2
3. VRM Class IV (VRI Class III)	Range 6W	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Blanket and scattered clumps of shrubs and grasses.	Planar roadway lanes. Distance t-lines
LINE	Horizontal and slightly angular foreground skyline.	Irregular shrub and grass pattern edges.	Horizontal road. Vertical t-lines.
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey road and t-lines.
TEX-	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
, res		Vertical steel lattice structures, angular guys, and curvilinear conductors.
кого		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

FEATURES

LAND/WATER
BODY
(1)
(2)
(3)
(Explain on reverse side)

STRUCTURES
(Explain on reverse side)

7. Additional mitigating measures recommended Yes No (Explain on reverse side)

Form

The property of the sign meet visual resource management objectives? Yes No (Explain on reverse side)

3. Additional mitigating measures recommended Yes No (Explain on reverse side)

### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-718

Project Location



KOP Location

1,450 2,900 5,800

W

E

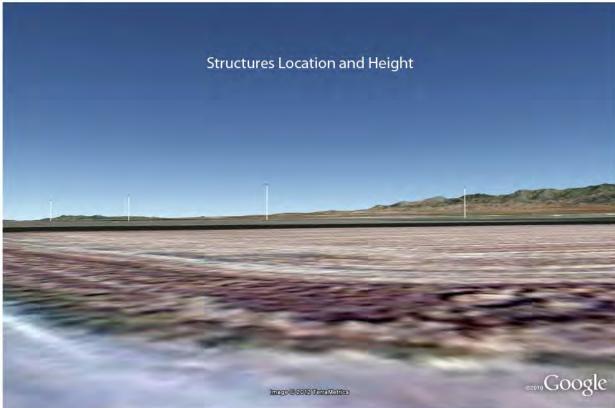
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-28 U.S. 6 (northbound) (Segment 410)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Fillmore FO

Resource Area

Activity (program)

A10, 10. T	SECTION A. PROJECT INFORM.	ATION
1. Project Name TransWest Express	4. Location U.S. 50	5. Location Sketch
2. Key Observation Point F-29	(northbound) Township_18S	Please see Figure 3.12-2
3. VRM Class	Range_5W	
Private	Section 33	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses.	Planar roadway lanes. Distance t-lines.
LINE	Horizontal and slightly angular foreground skyline.	Horizontal fence rows and grass patterns.	Vertical t-lines and fence posts.
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey and brown t-lines and fence posts.
TEX- TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
0000		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING 
☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? Yes No VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Evaluator's Names Date Form 08/19/2011 Line M. Paulson Color

### Rationale:

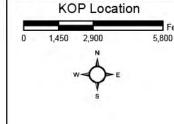
Texture

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





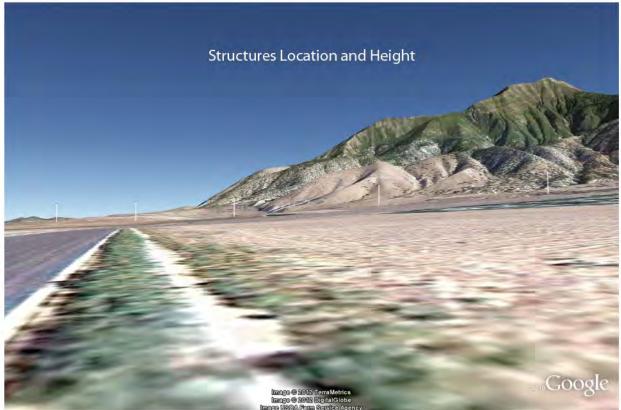
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-29 U.S. 50 (northbound) (Segment 410)









1. Project Name TransWest Express 2. Key Observation Point

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

SECT	ION A. PROJECT INFORMA	TION	_
	4. Location Nephi City	5. Location Sketch	
	Street F1250N		

F-30 Township\_12S

3. VRM Class
III Section\_33

Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and narrow valley floor.	Scattered clumps of trees, shrubs and grasses.	Cylindrical poles foreground and midground and residential structures.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal and vertical structures.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and structures.
TEX-	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
0000		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2. Does project design meet	rienal recourse
	DEGREE OF	LA	ND/V BO	DY	ER	VE	GET	ATIO	N	ST	2.52.5	TURI	ES	management objectives? (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me	
s,	Form										х			Evaluator's Names	Date
E .	Line										х			M. Paulson	07/27/201
Elements	Color										X				
-	- A A C. C.											1 e A			

### Rationale:

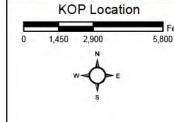
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





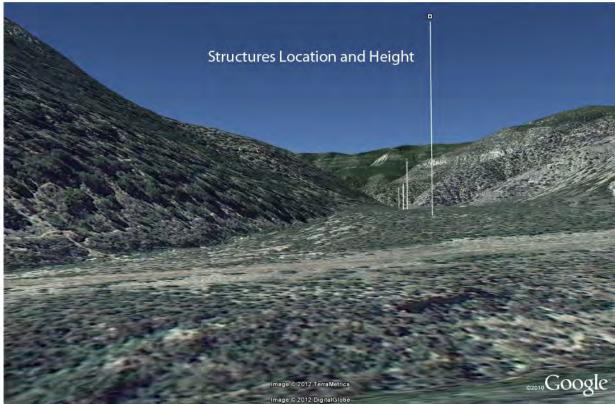
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-30 Nephi City Street E1250N (Segment 340)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010

District Grand Junction FO

Resource Area

Activity (program)

4,7	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Baxter Pass	5. Location Sketch
2. Key Observation Point GJ-15	Road (northbound) Township 006S	Please see Figure 3.12-2
3. VRM Class Private	Range 103W Section 007	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
Planar horizontal and angular ridges. Angular side slopes.		Organic planar surface of pinon-juniper and organic clumps of sagebrush and rabbit brush.	NA		
	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of pinon-juniper, sagebrush, rabbit brush and grasses.	NA		
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	NA		
TURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	NA		

1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.			
E. P. C. P. P. C. P. P. C. P.		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Course steel lattice structures, and smooth guys and conductors.			

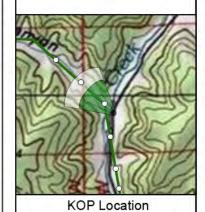
		FEATURES													
DEGREE OF CONTRAST		LAND/WATER BODY (1)					VEGETATION (2)				RUC	TURE	S	2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)	
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
on .	Form							71.		х			- 1	Evaluator's Names	Date
Elements	Line										Х			M. Paulson	11/07/10
E E	Color										х				
-	Texture														

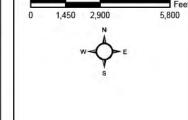
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-15 Baxter Pass Road (northbound) (Segment 220.1)

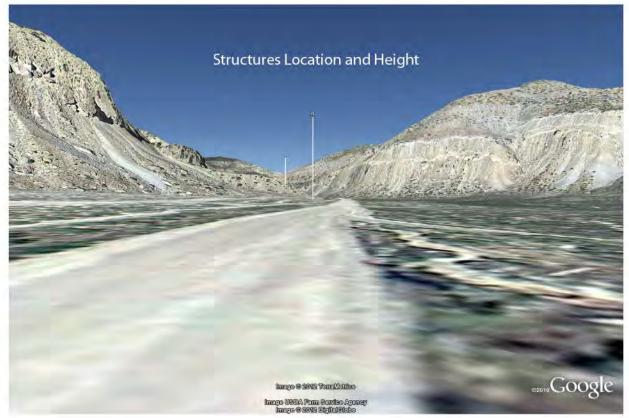




TransWest Express EIS Appendix I I-722







## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010

District Grand Junction FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TON
1. Project Name TransWest Express	4. Location Baxter Pass	5. Location Sketch
2. Key Observation Point GJ-16	Road (northbound) Township 007S	Please see Figure 3.12-2
3. VRM Class II (VRI Class III)	Range 104W	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
Planar cliffs and angular ridges. Angular side slopes.		Organic planar surface of pinon-juniper and organic clumps of sagebrush and rabbit brush.	Planar roadway.
LINE	Strong vertical and banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of pinon-juniper, sagebrush, rabbit brush and grasses.	Slightly curved lines of roadway
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	Light tan roadway.
TEX-	Smooth to moderate cliffs and overall landform.	Smooth to coarse pinon-juniper, grasses and sagebrush.	Smooth to medium roadway.

SECT	TION C. PROPOSED ACTIVITY DESC	CRIPTION
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
TUNE		Vertical steel lattice structures, angula guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

		FEATURES												2. Does project design most visual versuses		
DEGREE OF CONTRAST		LA	VEGETATION (2)				STRUCTURES (3)				Does project design meet visual resource management objectives?    ▼Yes    No (Explain on reverse side)					
		ONTRAST  None  None  Moderate  Moderate						Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommer  Yes No (Explain on reverse side)		
9	Form									х				Evaluator's Names	Date	
Elements	Line	1							111		X		11 1	M. Paulson	11/07/10	
	Color	FITT							11		X	VII				
	Texture											х				

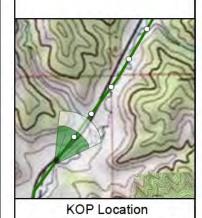
### Rationale:

Where the Project would be located with 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not comply with VRM Class II management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong or moderate contrasts to low resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



0 1,450 2,900 5,800 W E

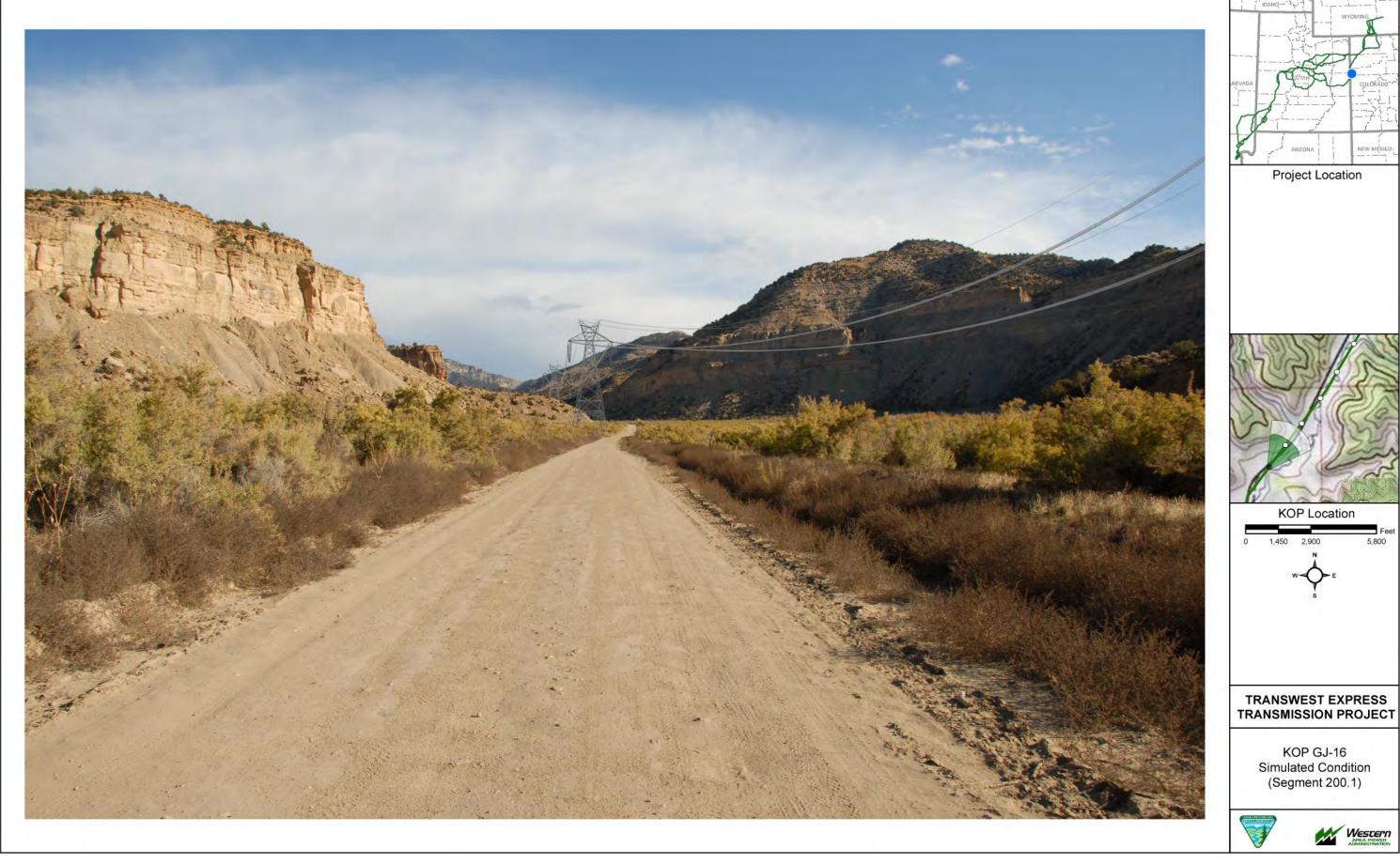
## TRANSWEST EXPRESS TRANSMISSION PROJECT

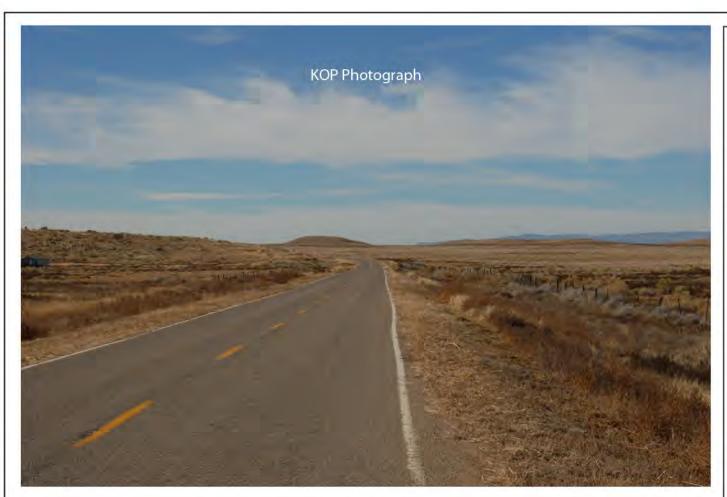
KOP GJ-16 Baxter Pass Road (northbound) (Segment 200.1)





TransWest Express EIS Appendix I







#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/06/2010

District Grand Junction FO

Resource Area

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and angular ridges. Angular side slopes.	Organic clumps of sagebrush, greasewood, rabbit brush, and grasses.	Planar road and shoulders, and columnar fence posts.
LINE	Strong vertical and horizontal banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of sagebrush, greasewood, rabbit brush and grasses.	Parallel lines of roadway. Vertical lines of fence posts.
COLOR	Very light, medium, and dark brown slopes.	Light tan to brown greasewood, rabbit brush and grasses and light to medium tan sagebrush.	Medium grey road surface. Light to dark brown fence posts.
TURE	Smooth to moderate cliffs and overall landform.	Smooth to coarse grasses, rabbit brush, greasewood, and sagebrush.	Smooth roadway and fence posts.

District Services					
1. LAND/WATER	2. VEGETATION	ON 3. STRUCTURES			
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.			
TINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
80700		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Course steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF CONTRAST		LA	VE	GET	ATIO	ST	RUC	TURI	ES	management objectives? ▼ Yes □ No (Explain on reverse side)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
99	Form						- 1			х				Evaluator's Names	Date
Elements	Line										X			M. Paulson	11/06/10
len	Color								1		x				
-	Texture					- 1			1-11			х			

#### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

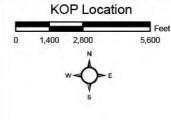
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-725

Project Location



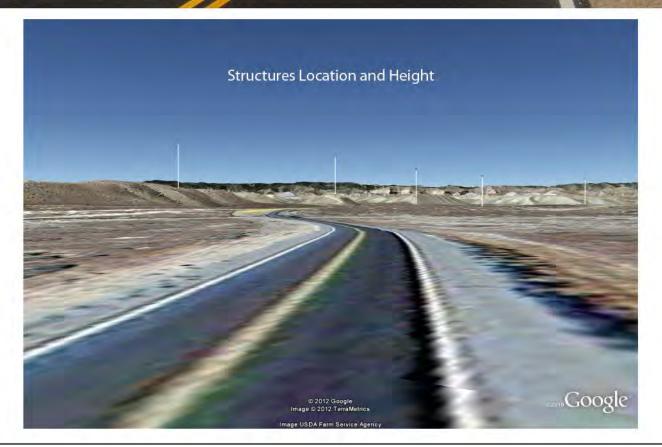


## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-17 Old U.S. 6 (westbound) (Segment 220.1)







#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010

District Grand Junction FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location_Baxter Pass  Road (northbound)	5. Location Sketch
2. Key Observation Point GJ-18	Township 009S	Please see Figure 3.12-2
3. VRM Class IV (VRI Class IV)	Range 104W Section 003	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and angular ridges. Angular side slopes.	Organic planar surface of pinon-juniper and organic clumps of sagebrush, rabbit brush, and grasses.	Planar road and shoulders, and bridge.
LINE	Strong vertical and horizontal banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of pinon-juniper, sagebrush, rabbit brush and grasses.	Curved lines of roadway. Vertical and horizontal lines of bridge.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	Dark grey road surface. Light tan shoulders. White to medium grey bridge structure.
TEX-	Smooth to moderate cliffs and overall landform.	Smooth to coarse pinon-juniper, grasses, rabbit brush and sagebrush.	Smooth roadway and shoulders and medium bridge

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
CINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

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DEGREE OF CONTRAST		LA	BO:		ER	VI	EGET	77777	ST		TURI	ES	management objectives? (Explain on reverse side)		
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
90	Form									х				Evaluator's Names	Date
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Elements	Color										X				
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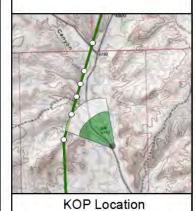
#### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



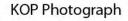
1,450 2,900

# TRANSWEST EXPRESS TRANSMISSION PROJECT

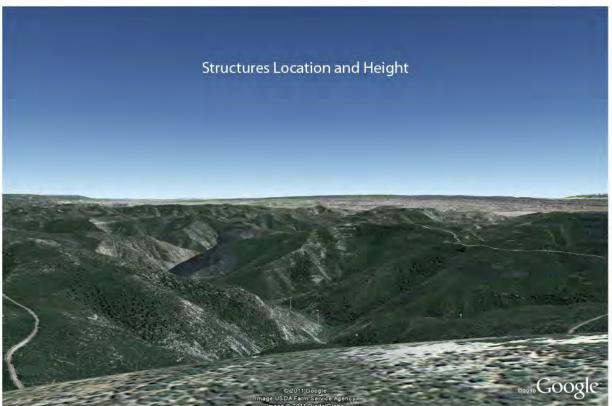
KOP GJ-18 Baxter Pass Road (northbound) (Segment 220.1)











1. Project Name TransWest Express

3. VRM Class Private

2. Key Observation Point GJ-19

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010

District Grand Junction FO

Resource Area

Activity (program)

SECTION	ON A. PROJECT INFORMAT	TION
	4. Location Baxter Pass South View Township 005S	5. Location Sketch Please see Figure 3.12-2

## Section 034 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of spruce-fir, pinon-juniper and organic clumps of sagebrush and rabbit brush.	NA
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of spruce-fir, pinon-juniper, sagebrush, rabbit brush and grasses.	NA
COLOR	Very light, medium, and dark brown slopes.	Dark olive spruce-fir and pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	NA
TEX- TURE	Smooth to moderate landform.	Smooth to coarse trees, grasses and sagebrush.	NA

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

I. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	ROW clearing creates planar forms.	Strongly pyramidal steel lattice structures, and tubular conductors.
TINE	ROW clearing creates horizontal edges.	Vertical steel lattice structures and curvilinear conductors.
COLOR	ROW clearing creates sagebrush and grass colors – bluish greens and tans.	Light silver to dark grey steel lattice structures and conductors.
TEX	ROW clearing creates smooth textures.	Course steel lattice structures and conductors.
		I and the second

					F	EAT	URE	S					2. Does project design meet visual resource	
DEGREE OF		LA	ND/V BO	ER	VEGETATION STRUCTURES (2) (3)							ES	management objectives? Yes No (Explain on reverse side)	
	CONTRAST	Strong Moderate Weak None		Strong Moderate Weak		None	Strong	Strong Moderate West		Moderate Weak None	None	3. Additional mitigating measures recommend  Yes No (Explain on reverse side)		
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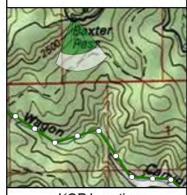
#### Rationale:

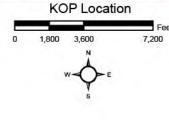
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-727

Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-19 Baxter Pass (south view) (Segment 220.1)

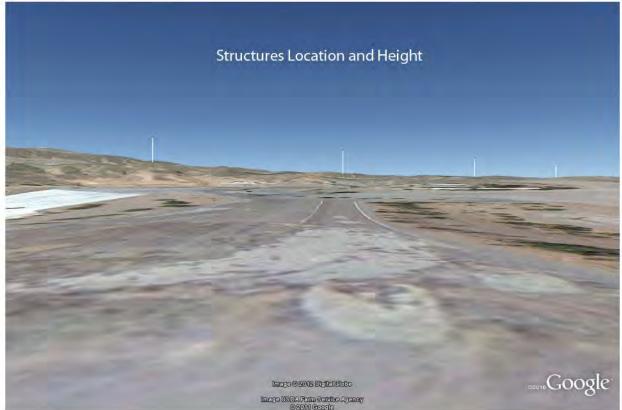




TransWest Express EIS Appendix I I-728







#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 09/09/2011 District Southern Nevada DO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 5. Location Sketch 1. Project Name 4. Location Las Vegas TransWest Express Bay Boat Launch 2. Key Observation Point Please see Figure 3.12-4 Township 21S LMNRA-1 3. VRM Class Range 64E Section 019 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar, graded boat launch parking and angular mountains.	Clumps of palm trees, shrubs and grasses.	Planar roadway and parking area. Cubed buildings and cylindrical utilities.
LINE	Curvilinear and angular ridgelines.	Irregular palm trees, shrubs and grass patterns.	Horizontal roadways and parking. Horizontal and vertical buildings. Vertical utilities.
COLOR	Light to medium reddish tan and grey	Dark green palm trees and shrubs and tan desert shrubs and grasses.	Light, medium grey roadway and parking Light grey and reddish tan buildings. Medium to dark grey utilities.
TEX.	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.		
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.		
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.		
U.S.		Coarse steel lattice structures, and smooth guys and conductors.		

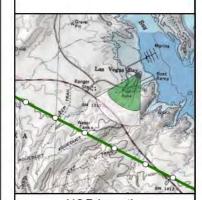
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		11.1				F	EAT	URE	S	2 December 1 december 1					
	DEGREE OF	LA	BO		ER	VI	EGET		ON	ST		TURI	ES	2. Does project design meet visual resource management objectives? Yes No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me	
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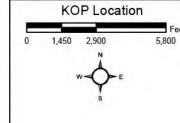
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-1 Las Vegas Bay Boat Launch (Segment 710)





## **KOP Photograph**





#### Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Lake Mead-	5. Location Sketch
2. Key Observation Point LMNRA-2	Lakeshore Dr.  Township 21S	Please see Figure 3.12-4
3. VRM Class NA	Range 63E Section 013	

## SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway
LINE	Curvilinear and angular ridgelines.	Irregular shrub and grass patterns.	Horizontal roadway
COLOR	Light to medium reddish tan and grey	Tan to brown shrubs and grasses.	Light, medium grey and tan roadways.
TEX.	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structure, spherical jumpers, and tubular conductors.
LINE		Vertical steel lattice structures, rounded jumpers, and curvilinear conductors.
СОГОК		Light silver to dark grey steel lattice structures, jumpers, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

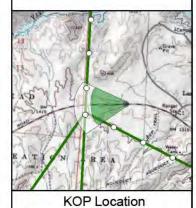
						F	EAT	URE	S	2 D					
	DEGREE OF	LAND/WATER BODY (1)				VEGETATION (2)				SI	RUC	TURI	es	2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended.  Yes No (Explain on reverse side)	
s	Form								Х	Х				Evaluator's Names	Date
Elements	Line								X	Х				M. Paulson 09/09/201	
Jen	Color								Х	Х					
-	Texture								Х		X				

### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



1,400 2,800

# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-2 Lake Mead Lakeshore Drive (Segment 710)





5,600

TransWest Express EIS Appendix I I-731



	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Planar, graded boat launch parking and angular mountains.	Clumps of palm trees, shrubs and grasses.	Planar roadway and parking area. Pyramidal steel lattice. Cubed building and cylindrical utilities.			
LINE	Angular rock formations and ridgelines.	Irregular palm trees, shrubs and grass patterns.	Horizontal roadways and parking. Horizontal and vertical building. Vertical utilities.			
COLOR	Light to medium reddish tan and grey	Dark green palm trees and shrubs and tan desert shrubs and grasses.	Light, medium grey roadway and parking Light yellowish tan building. Medium to dark grey utilities.			
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.			

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>РОКМ</b>		Pyramidal steel lattice structures and guys, and tubular conductors.
TINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
80700		Medium silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

	-	SEC	CTIC	ON D	. CO	NTI	RAS	ΓRA	TIN	G	Γ:	SHO	RT	TERM LONG TERM	
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	DEGREE OF	LA	во	WATI DY l)	ER	VI	EGET		ON	ST		TURI	ES	2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form											х		Evaluator's Names	Date
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Elements	Color											х			
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### Rationale:

1. Project Name

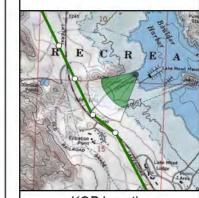
LMNRA-3

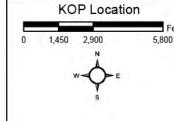
3. VRM Class

TransWest Express

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.







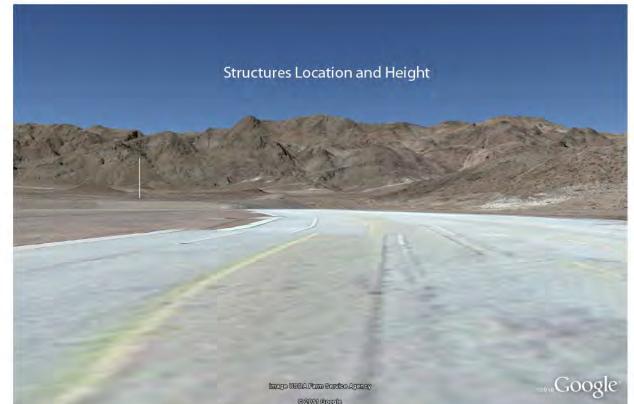
## TRANSWEST EXPRESS TRANSMISSION PROJECT

**KOP LMNRA-3** Lake Mead Marina Pyramid Island (Segment 770)













#### Form 8400-4

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

	araman, pramaraman	7037
	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location Lk Mead Vis Ctr. (93 westbound).	5. Location Sketch
2. Key Observation Point LMNRA-4	Township 22S	Please see Figure 3.12-4
3. VRM Class	Range 64E	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway. Cubed residential buildings and cylindrical h-frame poles				
LINE	Angular rock formations and ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways. Horizontal and vertical buildings. Vertical utilities.				
COLOR	Light to medium reddish tan and grey	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. Multiple colors of structures. Medium to dark brown utilities.				
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.				

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
Porn.	2. VEGETATION	Pyramidal steel lattice structures and guys, and tubular conductors.
TUN		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОК		Light silver to dark grey steel lattice structures, guys, and conductors.
THE CONTRACTOR OF THE CONTRACT		Coarse steel lattice structures, and smooth guys and conductors.

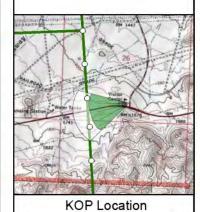
DEGREE OF		FEATURES												2. Does project design meet visual resource		
	LAND/WATER BODY (1)			VEGETATION (2)				STRUCTURES (3)			S	management objectives?  Yes No (Explain on reverse side)				
	CONTRAST	Strong Moderate Weak None			Weak None Strong		Moderate	Moderate Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended  Yes No (Explain on reverse side)		
s	Form	1									х			Evaluator's Names	Date	
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Elem	Color											х				
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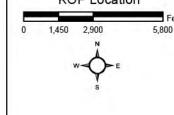
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





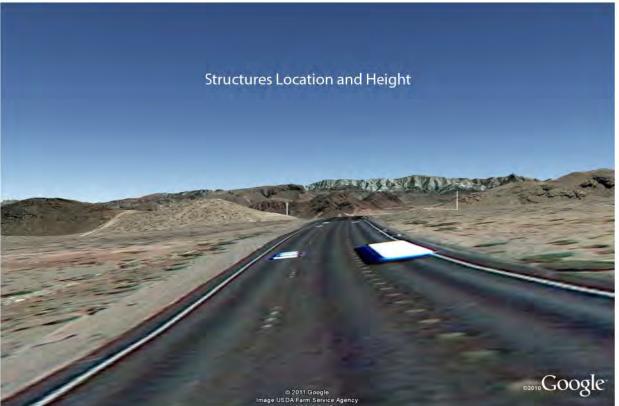
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-4 Lake Mead Visitor Center (93 westbound) (Segment 770)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 93 (eastbound).	5. Location Sketch
2. Key Observation Point LMNRA-5	Township_22S	Please s
3. VRM Class	Range_64E	

Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway. Pyramidal steel lattice structrures. Cubed hotel and cylindrical utility pole.
LINE	Angular rock formations and ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Horizontal and vertical building. Vertical utilities.
COLOR	Light to medium reddish tan and grey	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. Tan reddish brown structures. Medium to dark brown utilities.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C.	PROPOSED ACTIVITY DESCRIP	TION
-1-		1-

2. VEGETATION	3. STRUCTURES
	Pyramidal steel lattice structures and guys, and tubular conductors.
	Vertical steel lattice structures, angular guys, and curvilinear conductors.
	Light silver to dark grey steel lattice structures, guys, and conductors.
	Coarse steel lattice structures, and smooth guys and conductors.
	2. VEGETATION

						F	EAT	URE	S	2 December 4 decimal and a second					
DEGREE OF		LA	VE	GET		N	STRUCTURES (3)				2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)				
	CONTRAST	Strong Moderate Weak None			None	Strong	Moderate	Weak	None	Strong	Strong Moderate	Moderate	None	3. Additional mitigating measures recommended  — Yes — No (Explain on reverse side)	
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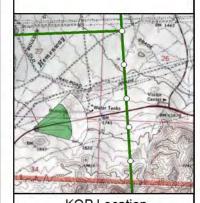
Rationale:

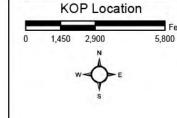
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-734

Project Location





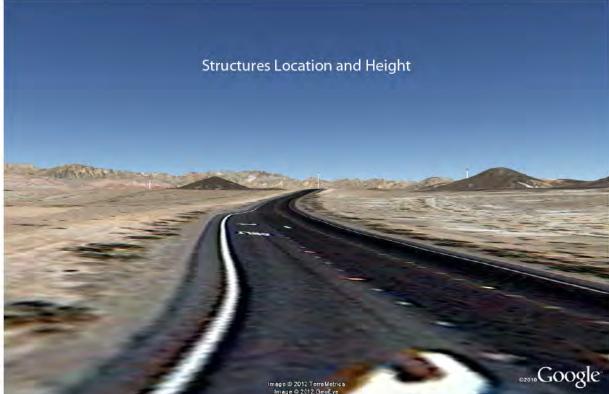
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-5 U.S. 93 (eastbound) (Segment 770)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	ΠΟΝ
1. Project Name TransWest Express	4. Location_Lake Mead  Blvd (northbound).	5. Location Sketch
2. Key Observation Point LMNRA-6	Township 20S	Please see Figure 3.12-4
3. VRM Class	Range_63E	

	Blvd (northbound).  Township 20S  Range 63E  Section 035	Sketch Please see Figure 3.12-4	
SECTION B. O	CHARACTERISTIC LANDSCAPE	DESCRIPTION	-

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway and pullout parking.  Multiple pyramidal steel lattice structures.		
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures.		
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.		
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.		

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>РОКМ</b>		Pyramidal steel lattice structures and guys, and tubular conductors.
rive		Vertical steel lattice structures, angular guys, and curvilinear conductors.
Согов		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF		LAND/WATER BODY (1)					EGET		ON	ST	RUC		ES	management objectives?  Yes  No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
S	Form													Evaluator's Names	Date
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Elements	Color														
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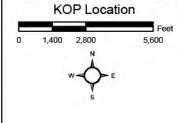
#### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





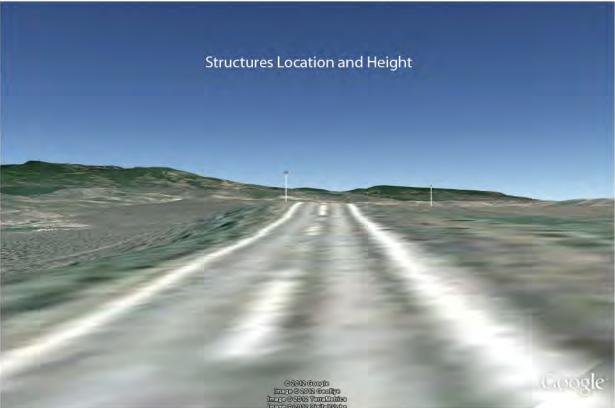
## TRANSWEST EXPRESS TRANSMISSION PROJECT

**KOP LMNRA-6** Lake Mead Boulevard (northbound) (Segment 650)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District Little Snake FO

Resource Area

		Activity (program)
	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Colo. SH 13 (southbound)	5. Location Sketch
2. Key Observation Point LS-1	Township 010N	Please see Figure 3.12-1
3. VRM Class IV (VRI Class III)	Range 091W Section 011	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar foreground roadway. Subtle line fence posts.			
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Indistinct sagebrush, rabbit brush and grasses.	Linear horizontal foreground roadway and vertical fence posts			
COLOR	Very light, medium, and dark grey and brown exposed eroded slopes.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway and dark brown fence posts.			
TEX-	Smooth to moderate exposed soils.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium foreground roadway and fence posts			

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
TINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF	LAND/WATER BODY (1)					VEGETATION (2)				RUC	TURI	ES	management objectives?  Yes No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
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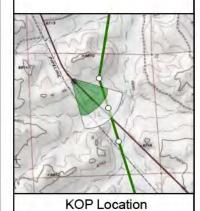
#### Rationale:

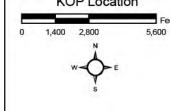
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





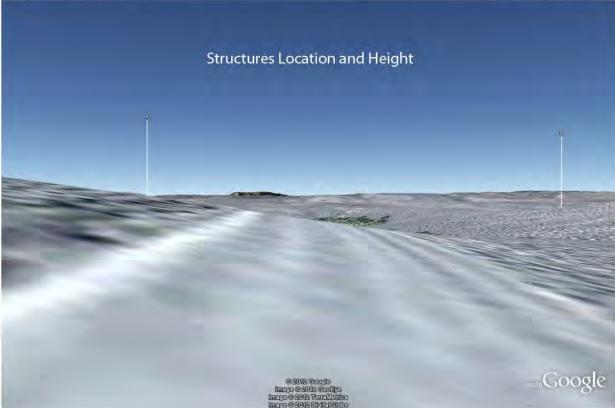
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-1 Colo State Highway 13 (southbound) (Segment 190)









# Form 8400-4 (September 1985) VISUAL CONTRAST RATING WORKSHEET

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Date 10/24/2010 District Little Snake FO

Resource Area Activity (program)

SECTION A. PROJECT INFORMATION									
1. Project Name TransWest Express	4. Location_Recreation  Road - Residential	5. Location Sketch							
2. Key Observation Point LS-2	Township_009N	Please see Figure 3.12-1							
3. VRM Class	Range 090W Section 035								

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes and erosion cuts.	Organic clumps of mature cottonwoods and rabitt brush and sagebrush. Planar grass patterns	Cubed and pyramidal ranch buildings. Planar road.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Indistinct curvilinear cottonwood trees, rabbit brush and sagebrush.	Horizontal and vertical lines of ranch buildings. Curved road.
COLOR	Very light, medium, and dark brown slopes.	Orange, tan and brown mature cottonwoods. Gold to tan and brown rabbit brush and sagebrush.	Light to medium tan ranch buildingsLight to medium grey roadway
TEX- TURE	Smooth landforms.	Coarse cottonwoods and shrubs.	Smooth ranch buildings and medium roadway

1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
<b>РОКМ</b>		Strongly pyramidal steel lattice structures and guys, and tubular conductors.				
TUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.				
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.				
TURE		Course steel lattice structures, and smooth guys and conductors.				

						F	EAT	URE	S	2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)					
DEGREE OF		LA	BO:	DY	R	VI	EGET	ATIO	N			STRUCTURES (3)			
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form									х				Evaluator's Names	Date
Element	Line										Х			M. Paulson	07/22/2011
	Color										X				
	Texture					7.1						х			

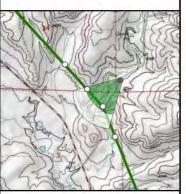
### Rationale:

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



**KOP Location** 1,450

## TRANSWEST EXPRESS TRANSMISSION PROJECT

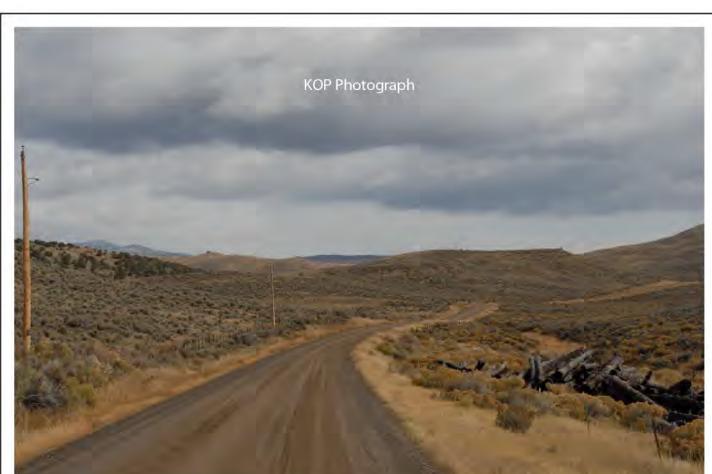
KOP LS-2 Recreation Road Residential (Segment 190)

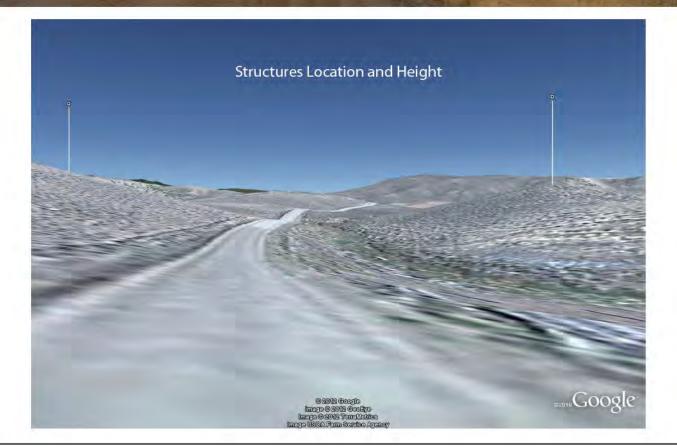




TransWest Express EIS Appendix I I-738







# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010 District Little Snake FO Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION									
1. Project Name TransWest Express	4. Location Recreation  Road	5. Location Sketch							
2. Key Observation Point LS-3	Township 008N	Please see Figure 3.12-1							
3. VRM Class	Range_090W								
Ш	Section 003								

SECTION B.	CHARACTERISTIC LANDSCAPE DESCRIPTIO	13
ER	2. VEGETATION	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes.	Organic clumps of pinon-juniper, rabbit brush and sagebrush. Planar grass patterns	Cylindrical utility poles. Planar road.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes and valley.	Indistinct pinon-juniper, rabbit brush and sagebrush,	Vertical lines of utility poles. Curved road.
COLOR	Very light, medium, and dark brown slopes.	Gold to tan and brown rabbit brush and sagebrush. Dark olive green pinon-juniper.	Light to medium brown utility poles.  Medium to dark grey roadway.
TEX-	Smooth landforms.	Coarse pinon-juniper and shrubs.	Smooth utility poles and wood pile and medium roadway

## SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
r P P		Vertical steel lattice structures, angular guys, and curvilinear conductors.
согов		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX		Course steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	ON D	). CC	NTI	RAS	ΓRA	TIN	G	Γ,	sно	RT	TERM V LONG TERM	
						F	EAT	URE	S	2 D	Aug Willeston				
	DEGREE OF	LA	VI	EGET	ATIC	ON	ST	RUC	TURI	ES	2. Does project design meet visual resource management objectives?    ☐ Yes    ✓ No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating med Yes No (Explain	
so.	Form									х				Evaluator's Names	Date
nem	Line		2 1					12.1		211	х			M. Paulson	07/22/2011
e e	Color					-			1		Y				

## Rationale:

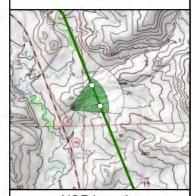
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

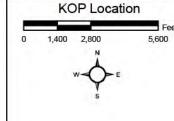
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-739

Project Location





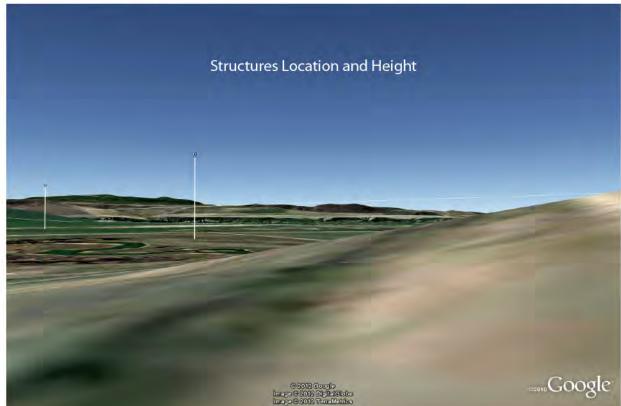
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-3 Recreation Road (Segment 190)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011

District Little Snake FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	TION
1. Project Name TransWest Express	4. Location Recreation	5. Location Sketch
2. Key Observation Point LS-4	Road - Residential Township_007N	Please see Figure 3.12-1
3. VRM Class Private	Range 089W Section 30	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes and erosion cuts.	Organic clumps of mature cottonwoods and riparian shrubs. Planar grass patterns	Cubed and pyramidal ranch buildings.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Distinct curvilinear cottonwood trees and meandering linear bands of riparian shrubs. Horizontal grassland edges.	Indistinct horizontal and vertical lines of ranch buildings
COLOR	Very light, medium, and dark brown exposed eroded slopes.	Olive green mature cottonwoods. Yellowish olive green greasewood. Bright green field grasses and golden tan to brown native grasses.	Light to moderate grey ranch buildings
TEX-	Smooth landforms.	Coarse cottonwoods and riparian shrubs. Smooth grasses.	Smooth ranch buildings

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX		Coarse steel lattice structures, and smooth guys and conductors.

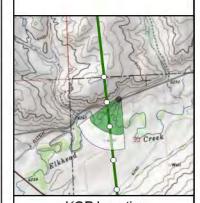
		SEC	TIC	)N D	. co	NTF	RAST	r RA	TIN	G		SHO	RT :	TERM  □ LONG TERM		
		-				F	EAT	URE	S					2. Does project design meet v	d1	
	DEGREE OF (1)				ER	VI	EGET.		N	STRUCTURES (3)			ES	management objectives?  Yes No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommend  Yes No (Explain on reverse side)		
20	Form		=	=						х				Evaluator's Names	Date	
5	Line			1111							X	11		M. Paulson	07/22/2011	
Elements	Color										X					
4	Texture											х	10			

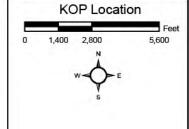
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-4 Recreation Road Residential (Segment 190)

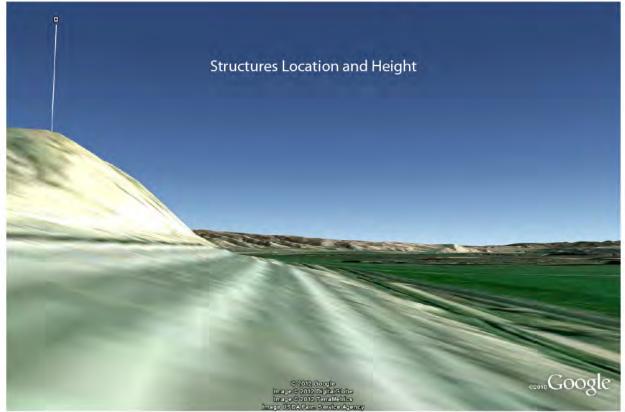




TransWest Express EIS Appendix I I-741







# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District Little Snake FO

Activity (program)

Resource Area

	SECTION A. PROJECT INFORM.	ATION	
1. Project Name TransWest Express	4. Location U.S. 40	5. Location Sketch	
2. Key Observation Point LS-5	(eastbound) Township 007N	Please see Figure 3.12-1	
3. VRM Class NA	Range 089W Section 031		

## SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges and valley floor. Angular mountain backdrop and side slopes.	Organic clumps of mature cottonwoods and rabitt brush and sagebrush. Planar field grass patterns	Cylindrical fence posts. Horizontal hay stack cylinders
LINE	Horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Indistinct curvilinear cottonwood trees, rabbit brush and sagebrush. Horizontal field grass.	Horizontal haystacks and vertical lines of fence posts.
COLOR	Very light, medium, and dark tan to brown slopes.	Orange, tan and brown mature cottonwoods. Gold to tan and brown rabbit brush and sagebrush.	Medium to dark brown fence posts.
TEX-	Smooth landforms.	Coarse cottonwoods and shrubs.	Smooth fence posts and haystacks.

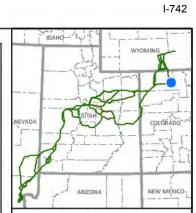
## SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
UNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
80700		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

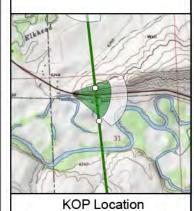
		FEATURES												2 D		
DEGREE OF		(1)					VEGETATION (2)				RUC	TURI	ES	2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea		
s	Form								100	х				Evaluator's Names	Date	
ii ii	Line Color									1.1	Х			M. Paulson	07/22/2011	
Elements											Х			- 1		
-	Texture									1.77		х				

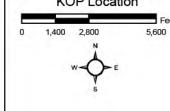
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





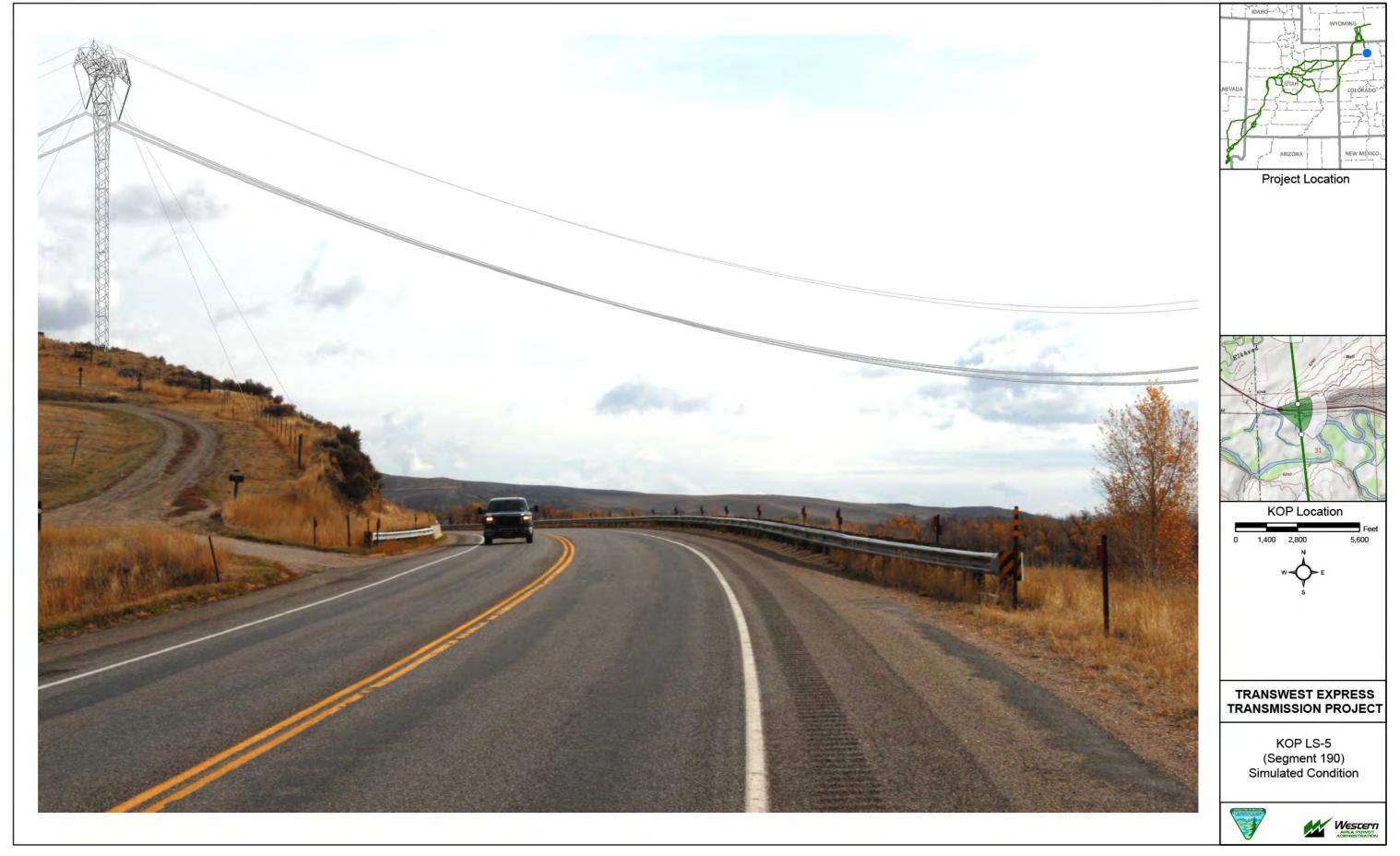
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-5 U.S. 40 (eastbound) (Segment 190)

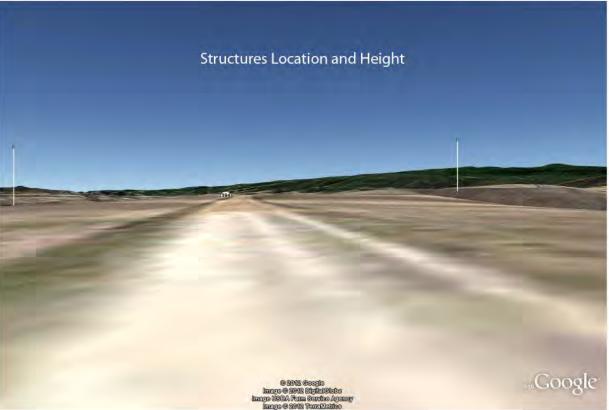




TransWest Express EIS Appendix I







#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District Little Snake FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location_Colorado SH 394 Southbound	5. Location Sketch
2. Key Observation Point LS-6	Township 006N	Please see Figure 3.12-1
3. VRM Class III (VRI-III)	Range 090W	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and background of pinon-juniper.	Planar foreground roadway. Columnar utility poles and linear fence posts.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Horizontal grasses and organic clumps of foreground grasses.	Linear horizontal foreground roadway, vertical and horizontal utility poles and vertical fence posts
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and dark green pinon-juniper.	Light to medium grey FG roadway, light brown MG roadway and dark brown utility poles and fence posts.
TEX-	Smooth to moderate landforms	Smooth to coarse grasses and background pinon-juniper.	Smooth paved and medium gravel roadway. Smooth utility poles and fence posts

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.
TURK		Course steel lattice structures, and smooth guys and conductors.

		FEATURES												2. Does project design meet visual resource		
DEGREE OF CONTRAST		(1)		VE	VEGETATION (2)				STRUCTURES (3)			management objectives?				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
90	Form									х				Evaluator's Names	Date	
len	Line										X			M. Paulson	10/22/2011	
Jen	Color	1	1					1	- 14		х					
_	T											v				

### Rationale:

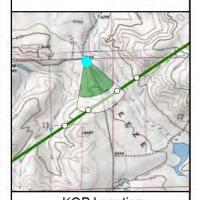
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

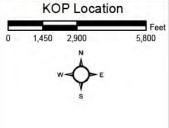
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-744

Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-6 Color State Hwy 394 (southbound) (Segment 190)

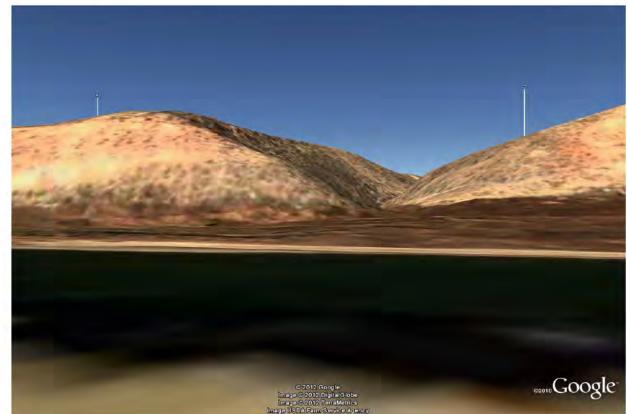




TransWest Express EIS Appendix I









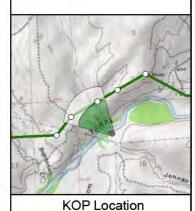
#### Rationale:

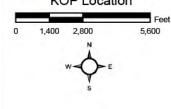
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-7 Yampa River Boat Launch (Segment 190)

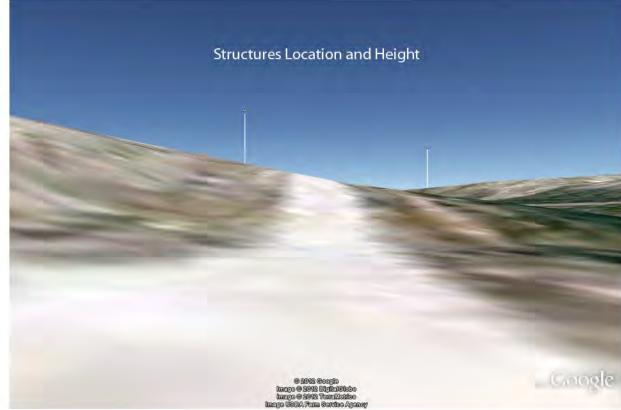




TransWest Express EIS Appendix I







#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District Little Snake

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	TION
1. Project Name TransWest Express	4. Location Moffat Rd.  11 Northbound	5. Location Sketch
2. Key Observation Point LS-8	Township 006N	Please see Figure 3.12-1
3. VRM Class Private	Range 092W Section 013	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of sagebrush.	Planar foreground roadway. Cuboid residential structures. Columnar irregular fence posts.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal foreground roadway, horizontal and vertical structures, and irregular vertical fence posts
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green sagebrush.	Light to medium brown roadway, white and dark grey structures, and dark brown fence posts.
TEX-	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth to medium gravel roadway. Smooth structures, utility poles, and fence posts

## SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
True		Vertical steel lattice structures, angular guys, and curvilinear conductors.
когом		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2 Dans project design most	rienal mecannes				
	DEGREE OF	LAND/WATER BODY (1)			BODY VEGETA						RUC	TUR 3)	ES	2. Does project design meet visual resource management objectives? Yes No (Explain on reverse side)	
CONTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
S	Form									х		100		Evaluator's Names	Date
ent	Line									х			Ī	M. Paulson 07/2	07/22/2011
en .	Color										х		1		
₩.	Texture								1	7.1		х			

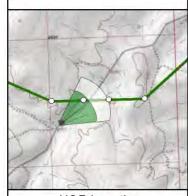
#### Rationale:

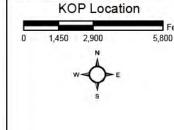
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





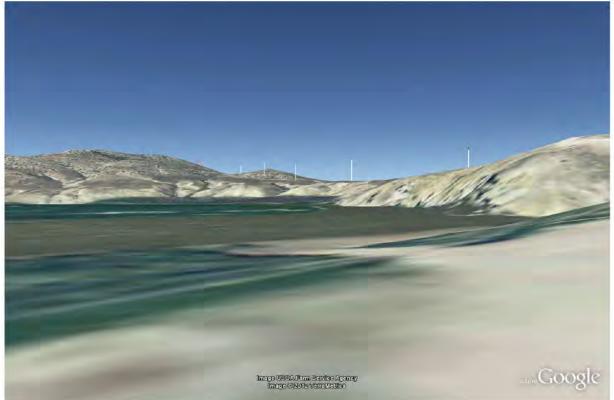
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-8 Moffat Road 11 (northbound) (Segment 190)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010 District Little Snake FO Resource Area

Activity (program)

## SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Yampa River  Boat Launch	5. Location Sketch
2. Key Observation Point LS-10	Township 006N	Please see Figure 3.12-1
3. VRM Class	Range_094W	
III (VRI-III)	Castian 017	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar Yampa River. Planar angular and horizontal ridges. Angular and vertical side slopes and erosion cuts.	Organic shapes of riparian tree, shrubs, and sagebrush and grasses.	Pyramidal 345-kV Transmission Line
LINE	Strong foreground horizontal and curving river. Angular and vertical side slopes.	Indistinct riparian tree, shrubs, and pinon- juniper, sagebrush and grasses.	Vertical 345-kV Transmission Line
COLOR	White to blue river. Light to medium tan to brown landform.	Silvery tan and browns riparian tree, shrubs. Medium grey-green sagebrush, medium tan to brown grasses.	Medium grey 345-kV Transmission Line
TEX-	Coarse water and cliffs. Smooth landform	Smooth to coarse riparian tree, shrubs, pinon-juniper, sagebrush and grasses.	Smooth Pyramidal 345-kV Transmission Line

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
TIME		Vertical steel lattice structures, angular guys, and curvilinear conductors.
Согов		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

#### SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ▼ Yes □ No VEGETATION STRUCTURES DEGREE OF (Explain on reverse side) CONTRAST

		Strong	Moder	Weak	None	Strong	Moder	Weak	None	Strong	Moder	Weak	None	Yes No (Explain	on reverse side)
2	Form	-4									X	_		Evaluator's Names	Date
1	Line								1.71		x			M. Paulson	10/24/10
Elem	Color					3-1					X				
	Texture											X			

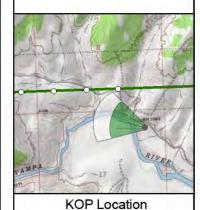
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

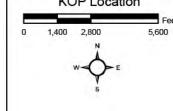
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-749

Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

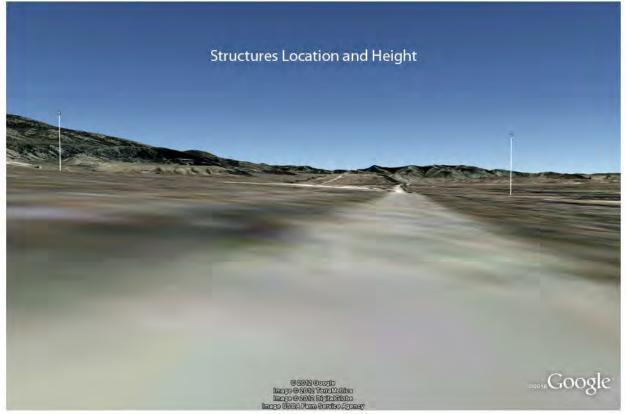
KOP LS-10 Yampa River Boat Launch (Segment 190)





IV





## Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	10/22/2010	
Distr	ict Little Snake FO	
Resor	urce Area	

Activity (program)

	SECTION A. PROJECT INFORMA	TION
1. Project Name TransWest Express	4. Location Deception  Cr. Road (southbound)	5. Location Sketch
2. Key Observation Point LS-11	Township 006N	Please see Figure 3.12-1
3. VRM Class IV	Range 95E	

	SECTION B	. CHARACTERISTIC LANDSCAPE DESC	CRIPTION			
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line structure and columnal H-frame poles.			
LINE	Strong angular ridges and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, H-frame and markers.			
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line. Light tan to brown H-frame and dark green markers.			
TEX-	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line, H-frame and markers.			

Si	ECTION C. PROPOSED ACTIVITY DESC	CRIPTION			
1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.			
CUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Course steel lattice structures, and smooth guys and conductors.			

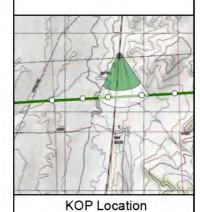
				4.7		F	EAT	URE	S	2. Does project design meet visual resource					
	DEGREE OF	LA	VE	STRUCTURES (3)				management objectives? ▼ Yes □ No (Explain on reverse side)							
CONTRAST		Strong Moderate Weak		None	Strong	Strong Moderate	Weak	None	Strong	Moderate	Moderate Weak	Weak	3. Additional mitigating measures recommende  Ves No (Explain on reverse side)		
s	Form									х				Evaluator's Names	Date
Elements	Line										X			M. Paulson	10/22/2010
Jen	Color		-	111			-				х				
	Texture											X			

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



1,450 2,900

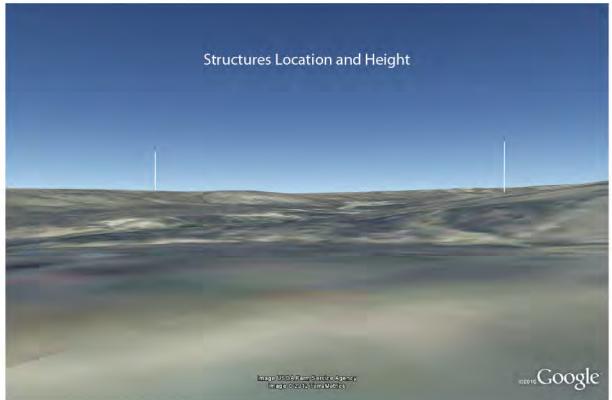
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-11 Deception Creek Road (southbound) (Segment 190)









1. Project Name

3. VRM Class III (VRI Class III)

TransWest Express

2. Key Observation Point

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

4. Location Cross Mt.Yampa River Landing
Township 006N
Range 097W

SECTION A. PROJECT INFORMATION

5. Location
Sketch
Please see Figure 3.12-1

| Section 008 | SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular side slopes and erosion cuts.	Organic clumps of sagebrush, greasewood, and grasses.	Narrow cylindrical poles.
LINE	Strong horizontal skyline. Angular side slopes. Horizontal valley floor.	Indistinct sagebrush and grasses. Meandering greasewood.	Thin vertical poles.
COLOR	Very light, medium, and dark brown exposed eroded slopes.	Bluish silver green sagebrush. Yellowish olive green greasewood. Golden tan to brown grasses.	Dark brown wooden poles.
TURE	Smooth exposed soils.	Coarse sagebrush. Medium greasewood. Smooth grasses.	Smooth poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
rine		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ✓ Yes ☐ No VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST 3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Form Evaluator's Names 07/22/2011 Line M. Paulson Color Texture

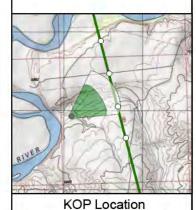
#### Rationale:

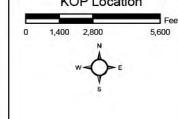
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





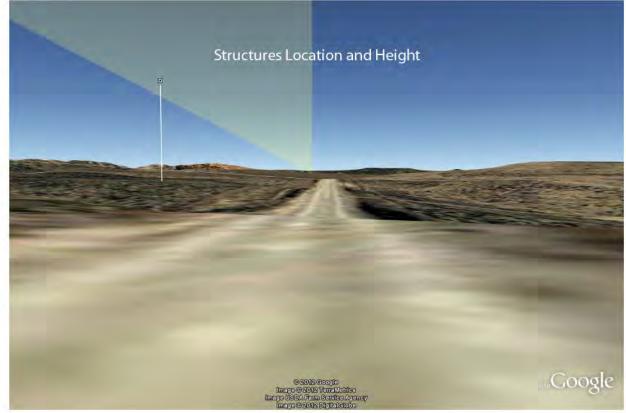
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-14 Cross Mountain Yampa River Landing (Segment 180.2)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION							
1. Project Name TransWest Express	4. Location U.S. 40	5. Location Sketch					
2. Key Observation Point LS-15	(westbound) Township_006N	Please see Figure 3.12-1					
3. VRM Class IV (VRI-III)	Range 97W Section 033						

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway and distant transmission line.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers and distant transmission line.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway and transmission line and dark green markers.
TEX-	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and transmission line and markers.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
CINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

						E	EAT	IDE	C	TERM LONG TERM					
DEGREE OF CONTRAST		LA	ND/V BOI	DY	ER	VEGETATION (2)			STRUCTURES (3)				2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)		
		Strong Moderate Weak			None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	Weak	3. Additional mitigating measures recommended  Ves No (Explain on reverse side)	
50	Form										х			Evaluator's Names M. Paulson	Date
Elements	Line									TE	х				07/22/2011
len	Color									1	х				
S	Texture											x			

#### Rationale:

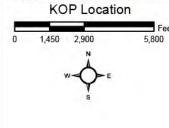
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-15 U.S. 40 (westbound) (Segment 180.2)









#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 10/22/2011 District Little Snake FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location 4. Location U.S. 40 Sketch TransWest Express (eastbound) 2. Key Observation Point Please see Figure 3.12-1 Township 006N LS-16 Range 97W 3. VRM Class IV (VRI-III) Section 033 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Planar rolling and horizontal ridges Organic clumps of rabbit brush, sagebrush Planar roadway. and angular road cut. Angular side and grasses. slopes. Strong angular, nearly horizontal, Indistinct sagebrush, rabbit brush and Linear horizontal roadway and vertical skyline. Angular side slopes. linear roadside grasses. markers. Medium olive green sagebrush. Golden Light to medium grey roadway and dark Very light, medium, and dark tan to brown landforms. tan to brown rabbit brush and grasses and green markers. Smooth to moderate landforms. Coarse rabbit brush and sagebrush. Smooth to medium roadway and Smooth to coarse grasses. markers. SECTION C. DRODOSED ACTIVITY DESCRIPTION

	1. LANI	/WATER	2	. VEGETATION		3. STRUCTURES	
FORM					Ŧ,	Strongly pyramidal steel lattice structures and guys, and tubular conductors.	
LINE						Vertical steel lattice structures, angular guys, and curvilinear conductors.	
COLOR						Light silver to dark grey steel lattice structures, guys, and conductors.	
TEX- TURE						Course steel lattice structures, and smooth guys and conductors.	
		SECTION D. CO	ONTRAST RATIN	G SHORT	TERM	LONG TERM	
			FEATURES		2 Door	nucleat design most visual reconnec	
DEGREE OF		LAND/WATER BODY (1)	VEGETATION (2)	STRUCTURES (3)	mana	nes project design meet visual resource nagement objectives? Ves No xplain on reverse side)	

#### Rationale:

CONTRAST

Form

Line Color Texture

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

Additional mitigating measures recommended

Yes No (Explain on reverse side)

Date

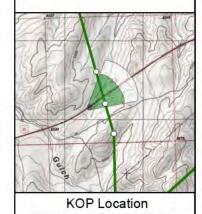
07/22/2011

Evaluator's Names

M. Paulson



Project Location



1,450 2,900

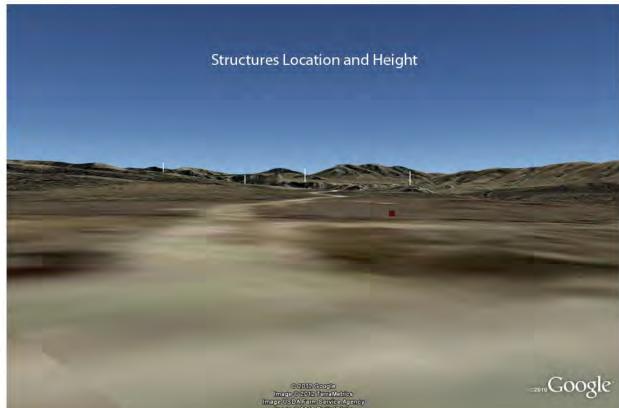
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-16 U.S. 40 (eastbound) (Segment 180.2)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District Little Snake FO

Resource Area

SECTION A. PROJECT INFORMATION

 1. Project Name
 4. Location U.S. 40 and Dinosaur NM Rd.
 5. Location Sketch

 2. Key Observation Point LS-19
 Township 005N
 Ple

 3. VRM Class
 Range 098W

 IV
 Section 012

Please see Figure 3.12-1

Activity (program)

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line and octagonal stop sign
LINE	Strong angular and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, stop sign and marker
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line, red and yellow stop sign and dark green marker.
TEX-	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line and marker.

## SECTION C. PROPOSED ACTIVITY DESCRIPTION 2. VEGETATION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
TUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	A A					
	DEGREE OF	LA	VEGETATION (2)				ST	RUC	TURI	ES	<ol> <li>Does project design meet visual resource management objectives?</li></ol>				
CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
	Form									-	Х			Evaluator's Names	Date
ents	Line								111		X			M. Paulson	07/22/2011
Elen	Color				1				1 1 1		X				
-	Texture				2.11				1 1 1			х	1 1 1		

#### Rationale

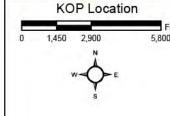
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





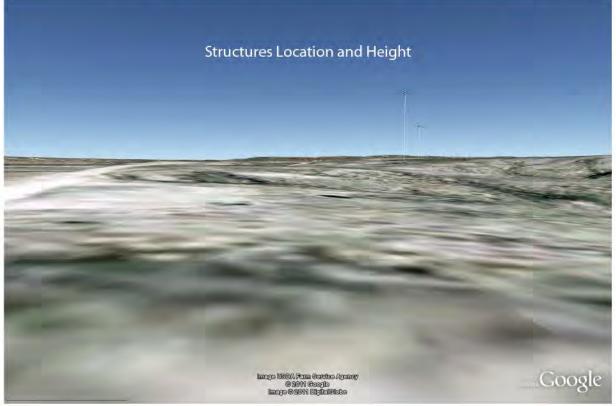
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-19 U.S. 40 and Dinosaur NM Road (Segment 100)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/23/2011

District Little Snake FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TON	
1. Project Name TransWest Express	4. Location Sand Wash  Basin Rd. 75 Northbound	5. Location Sketch	
2. Key Observation Point LS-20	Township 009N	Please see Figure 3.12-1	
3. VRM Class III (VRI Class III)	Range 097W		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar roadway.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway
TURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	ROW clearing of pinyon-juniper planar forms.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
INE	ROW clearing of pinon-juniper	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX.		Course steel lattice structures, and smooth guys and conductors.

		-				F	EAT	URE	S	2 D						
DEGREE OF CONTRAST		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ☐ Yes   No (Explain on reverse side)		
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me		
	Form			111				Х		Х				Evaluator's Names	Date	
Elements	Line							Х		Х	i Li		7	M. Paulson	10/23/11	
	Color	- +		94			7-1	X			Х		64	7		
													_			

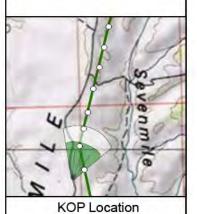
#### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



1,800

3,600

## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-20 Sand Wash Basin Rd. 75 (northbound) (Segment 180.2)



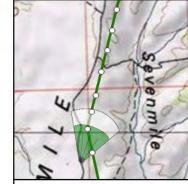


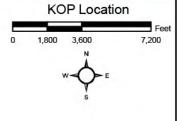
TransWest Express EIS Appendix I I-756





**Project Location** 





# TRANSWEST EXPRESS TRANSMISSION PROJECT

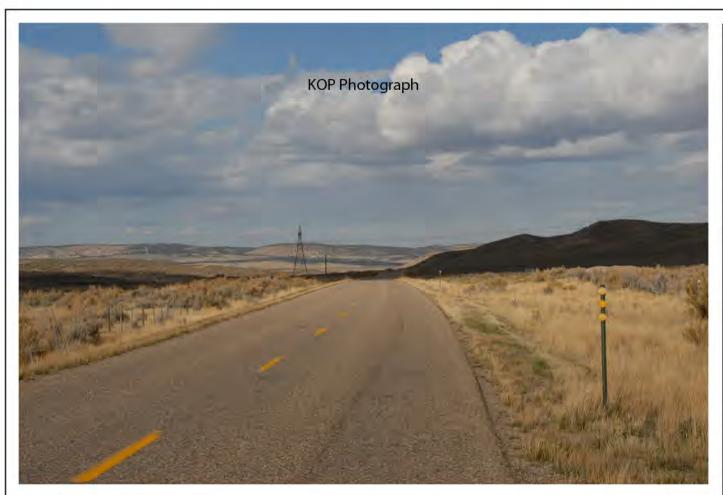
KOP LS-20 Mitigated Condition (Segment 180.2)

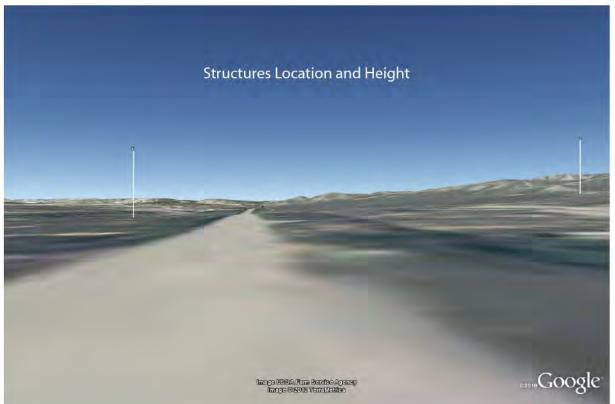




TransWest Express EIS Appendix I I-757







1. Project Name

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2010 District Little Snake FO Resource Area

Activity (program)

SECTION	A. PROJECT INFORMA	TION
	4. Location Deception	5. Location

TransWest Express Cr. Road (northbound) 2. Key Observation Point Township 006N Range 095W 3. VRM Class Private Section 016

Please see Figure 3.12-1

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line structure and columna H-frame poles.
LINE	Strong angular ridges and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, H-frame and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line. Light tan to brown H-frame and dark green markers.
TEX-	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line, H-frame and markers.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
INE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
THEX		Course steel lattice structures, and smooth guys and conductors.

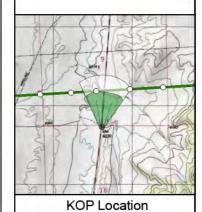
					F	EAT	URE	S	2 D						
DEGREE OF CONTRAST		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)	
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	sures recommended on reverse side)
•	Form					- 1			= (		х		_	Evaluator's Names	Date
Elements	Line									= =	Х			M. Paulson	10/22/2010
	Color											x			
	Texture											х			

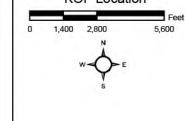
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





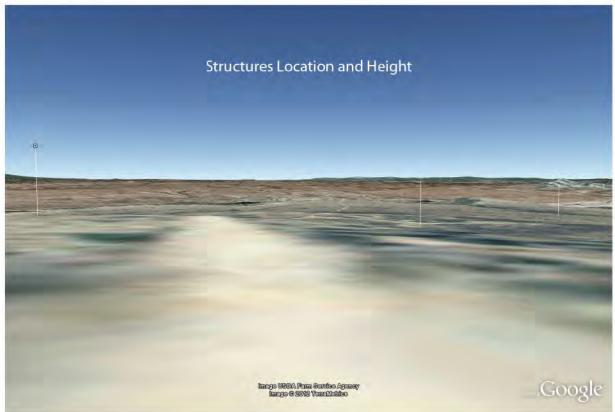
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-21 Deception Creek Road (northbound) (Segment 190)









1. Project Name

LS-27

3. VRM Class

Private

TransWest Express

2. Key Observation Point

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Little Snake FO

Resource Area
Activity (program)

| SECTION A. PROJECT INFORMATION | 4. Location | Sand Wash | Basin Rd. 66 Eastbound | Township | 10N | Range | 097W | | Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar gravel roadway.
TIME	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway
TURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES	
FORM	ROW clearing of pinyon-juniper planar forms.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.	
TIME	ROW clearing of pinon-juniper	Vertical steel lattice structures, angular guys, and curvilinear conductors.	
CO1.08	Tan grasses in ROW clearing	Light silver to dark grey steel lattice structures, guys, and conductors.	
TURE	Smooth texture in ROW clearing	Course steel lattice structures, and smooth guys and conductors.	

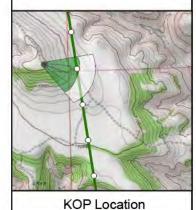
SECTION D. CONTRAST RATING 
☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ☐ Yes ☐ No VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST . Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Evaluator's Names Form 08/04/12 M. Paulson X Line Color

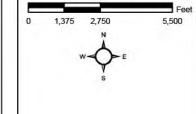
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





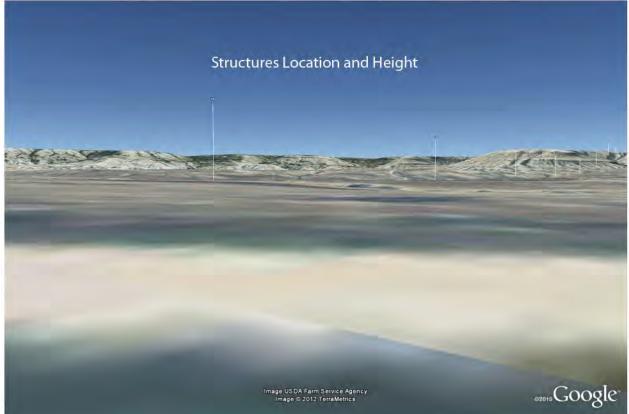
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-27 Sandwash Basin Rd 66 (eastbound) (Segment 186)









1. Project Name TransWest Express

LS-28

3. VRM Class (Class III)

2. Key Observation Point

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Little Snake FO

Resource Area

Activity (program)

SECTION	A. PROJECT INFORMAT	TION
	4. Location BLM Rd. 21  (NB) and Residential  Township 8N	5. Location Sketch Please see Figure 3.12-1
	Range 97W	

## SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES					
FORM	Planar horizontal and angular ridges. Angular side slopes.							
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway and vertical and horizontal residential structures.					
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway and light tan, dark brown and dark green residential structures.					
TEX-	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway and residential structures.					

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE	1	Vertical steel lattice structures, angular guys, and curvilinear conductors.
C0108	1 =	Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource							
DEGREE OF CONTRAST		LAND/WATER BODY (1)				BODY VEGETATION S						TURI	ES	management objectives?  Yes  No (Explain on reverse side)			
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea			
,	Form Line	Form									х		111		Evaluator's Names	Date	
										x				M. Paulson	08/04/12		
Line Color										X							
1	Texture											х					

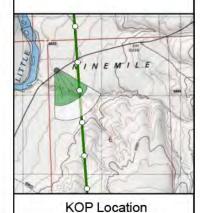
#### Pationalo:

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



0 1,500 3,000 6,000 W E

## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-28 BLM Road 21 (northbound) Residential (Segment 186)

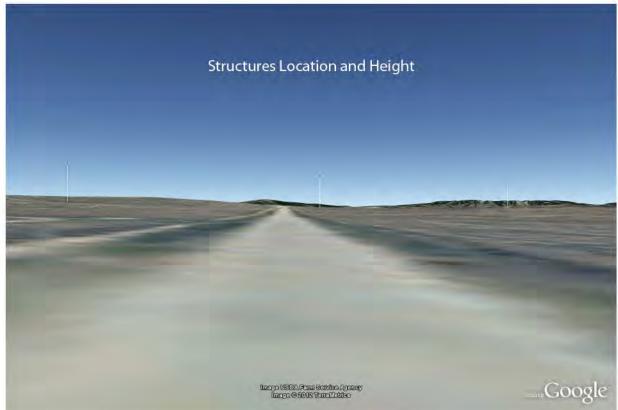




TransWest Express EIS Appendix I I-761







### Form 8400-4

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Little Snake FO

Resource Area

SECTION A	A. PROJECT INFORMAT	ION
	4. Location Colorado SH	5. Location Sketch

 1. Project Name
 4. Location\_Colorado SH

 TransWest Express
 318 (eastbound)

 2. Key Observation Point
 Township\_7N

 LS-29
 Range\_97W

 3. VRM Class
 Resction\_12

PI	lease see	Figure 3.12-1

Activity (program)

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway and small distribution line.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical distribution line.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway and dark brown poles.
TEX-	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth roadway.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Course steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S						A Coloradorea	
	DEGREE OF	NTRAST (1)			ER	VI	EGET	ATIC	ON	STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives?    ✓ Yes ✓ No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me  ✓ Yes   No (Explain		
,	Form		1						411	x			H	Evaluator's Names	Date	
ents	Line		7	JET.				11	111	X		III.	TT.	M. Paulson	07/22/201	
	Color				97				111		Х					

#### Rationale

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location

1,650 3,300 6,600

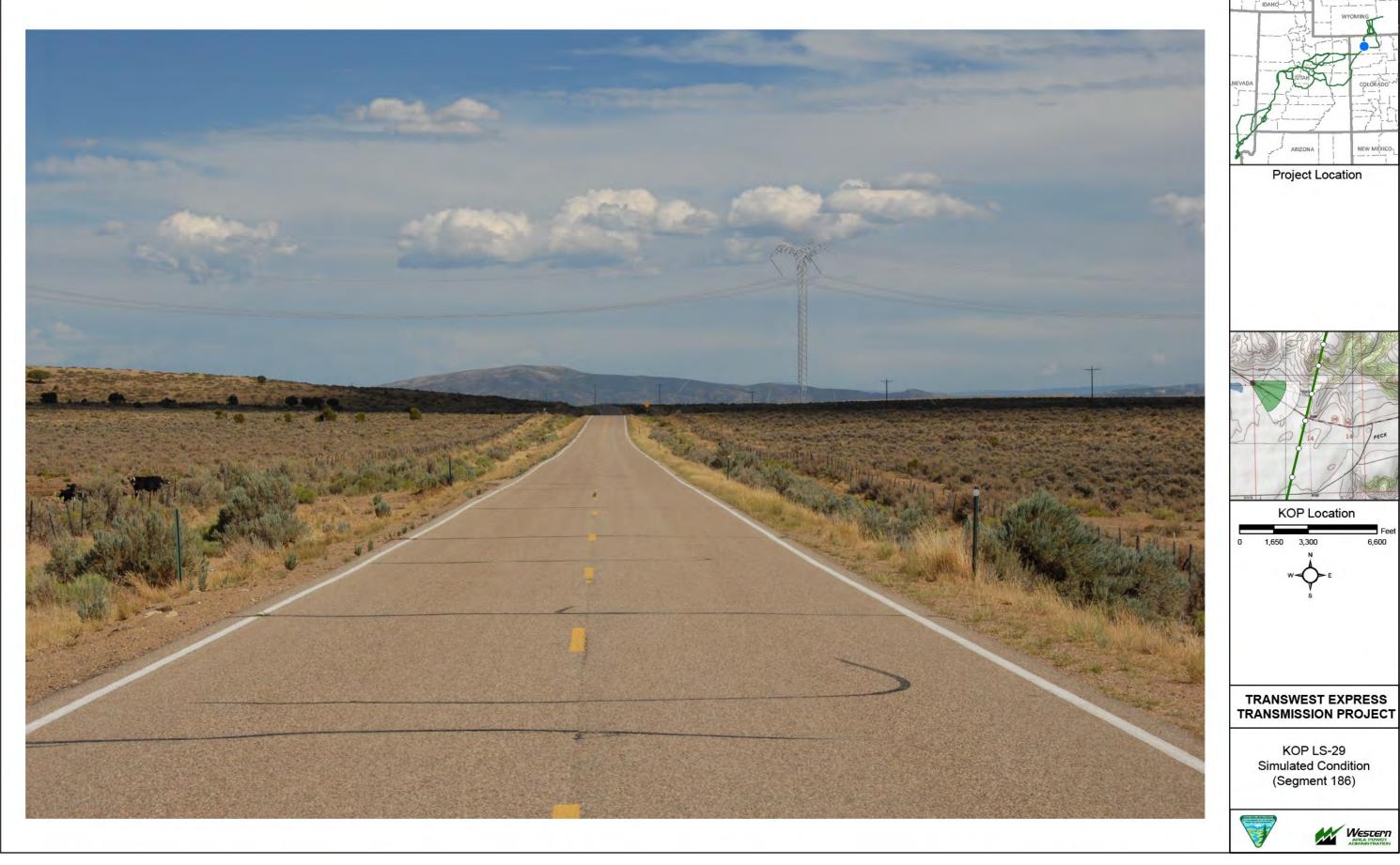
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-29 Colorado State Hwy 318 (eastbound) (Segment 186)

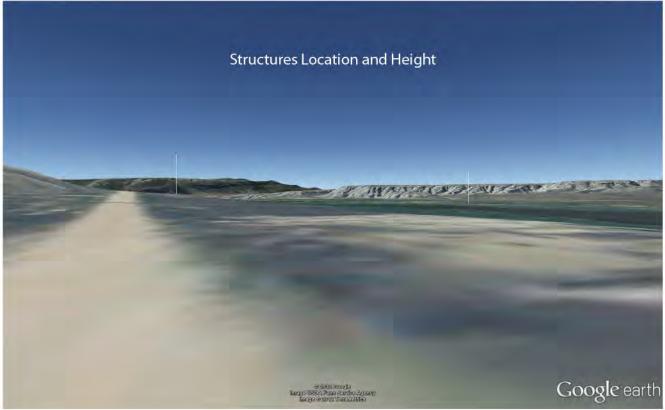




TransWest Express EIS Appendix I I-763







1. Project Name TransWest Express

3. VRM Class

LS-30

2. Key Observation Point

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

4. Location BLM Rd. 23 / Yampa River
Township 7N

Activity (program)

5. Location Sketch

Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

Range 97W

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar Yampa River. Planar angular and horizontal ridges. Angular side slopes and erosion cuts.	Organic shapes of riverside shrubs, sagebrush and grasses and blanket of PJ on the side slopes.	NA
LINE	Strong foreground horizontal and curving river. Angular side slopes.	Curvilinear cottonwoods, olives, pinon- juniper, sagebrush and grasses.	NA
COLOR	White to blue river. Medium tan to brown landform.	Green cottonwoods, silvery grey green, bright green riverside shrubs. Medium grey-green sagebrush, medium green, tan to brown grasses.	NA
TEX-	Coarse water. Smooth landform	Smooth to coarse pinon-juniper, sagebrush and grasses.	NA

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОСОВ		Light silver to dark grey steel lattice structures, guys, and conductors.
THEX		Course steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2 D						
DEGREE OF CONTRAST		LA	LAND/WATER BODY VEGETATION (I) (2)						N	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)		
	CONTRAST	NTRAST		Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
s	Form	12.5								х				Evaluator's Names	Date	
ient	Line										X	= 1		M. Paulson	08/04/2012	
Slen	Color	= 11 (									х					
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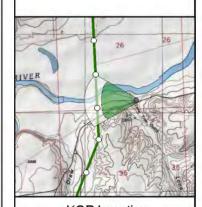
#### Rationale:

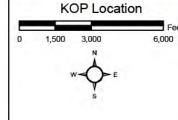
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-30 BLM Road 23 Yampa River (Segment 186)

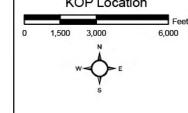




TransWest Express EIS Appendix I I-765







## TRANSWEST EXPRESS



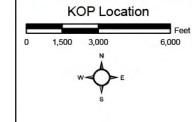
TransWest Express EIS Appendix I I-766





Project Location





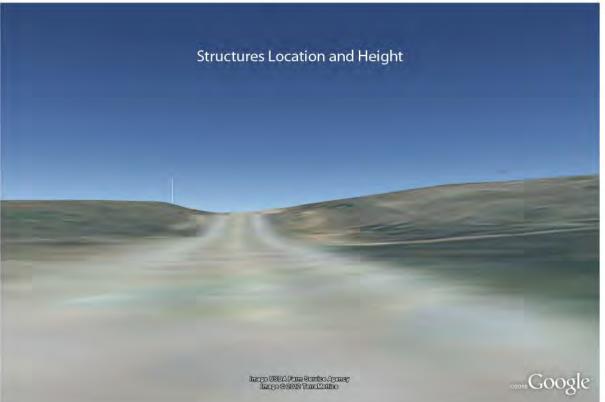
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-30 Cumulative Condition (Segment 186)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Little Snake FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	ATION
1. Project Name TransWest Express	4. Location U.S. 40	5. Location Sketch
2. Key Observation Point LS-31	(westbound) Township 6N	Please see Figure 3.12-1
3. VRM Class IV (VRI-III)	Range 97W Section 33	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway and distant transmission line.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers and distant transmission line.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway and transmission line and dark green markers.
TURE	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and transmission line and markers.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX	Don	Course steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2. Does project design meet	ricual recourse
	DEGREE OF	LA	BO	7.7	R	VE	GET	ATIO	)N	ST	37.50	TURI	ES	management objectives? (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form									х				Evaluator's Names	Date
ent	Line						[]			X	. 1	20	113	M. Paulson 07/22/201	
Elements	Color										Х				
-	Texture	4 1 4 4 4									11	х			

### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

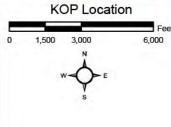
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-767

Project Location





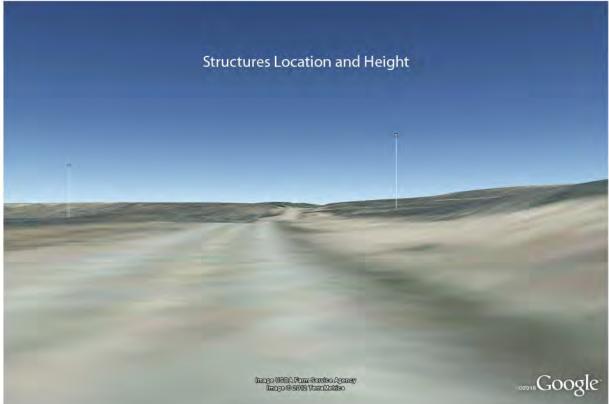
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-31 U.S. 40 (westbound) (Segment 186)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date08/04/2012

DistrictLittle Snake FO

Resource Area

Activity (program)

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and horizontal ridges and angular road cut. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planarroadway.
LINE	Strong angular, nearly horizontal, skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Mediumolive green sagebrush.Goldentan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and dark green markers.
TEX- TURE	Smoothto moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and markers.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Strongly pyramidal steel lattice structures and guys, and tubular conductors.
CINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coursesteel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2. Does project design meet	ricual recourses
	DEGREE OF	LA	ND/V BO		R	VE	GET	ATIO	N	STRUCTURES (3)			ES	management objectives? Y (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form									х				Evaluator's Names	Date
nen	Line				- 1					х				M. Paulson 07/22/20	
Elements	Color										Х				
-	Texture				100					. 4.1	J.	X			

#### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

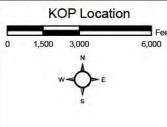
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-768

Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

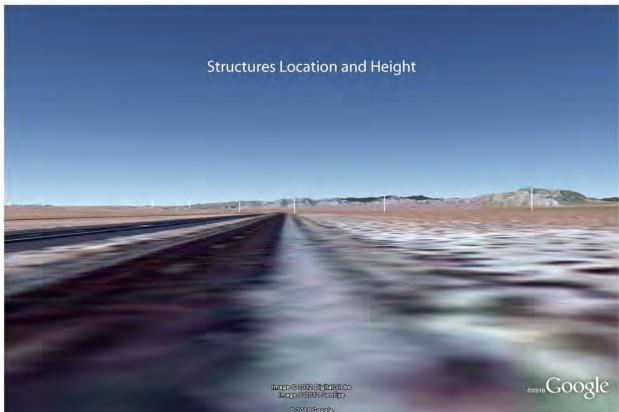
KOP LS-32 U.S. 40 (eastbound) (Segment 186)





TransWest Express EIS Appendix I I-769





Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011 District Southern Nevada DO Resource Area

Activity (program)

	SECTION A. PROJECT INFORM	MATION
1. Project Name TransWest Express	4. Location_I-15 (southbound)	5. Location Sketch
2. Key Observation Point LV-1	Township 13S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	Range 68E Section 034	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
Planar valley floor. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses. Sparse Joshua trees.	Planar roadway and multiple steel lattice and h-frame t-lines and utility poles.
Horizontal and angular ridgelines and rock formations. Horizontal valley floor.	Irregular Joshua trees, shrubs and grass patterns.	Horizontal roadway and vertical steel lattice t-lines. Vertical and horizontal h- frame poles. Curvilinear conductors.
Light to medium reddish tan and	Silver green and tan shrubs and tan	Light, medium to dark grey roadway and

floor. Light to medium red grasses. Medium olive green Joshua t-lines. Medium to dark brown utility poles grey.. and fenceposts. trees. Smooth to medium landform. Smooth, medium and coarse. Smooth to medium.

	SECTION C. PROPOSED ACTIVITY DESC	CRIPTION
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Medium to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S						\$ 1. A 1. A 1. A
	DEGREE OF	LA	BO (1		ER	VE	EGET	ATIO	ON	ST	RUC	TURI	ES	2. Does project design meet of management objectives? (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form								X			Evaluator's Names	Date		
ient	Line	Line X M. Paulson	09/09/2011												
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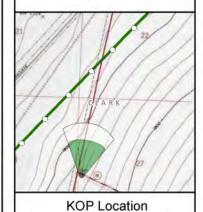
### Rationale:

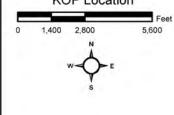
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP



**Project Location** 





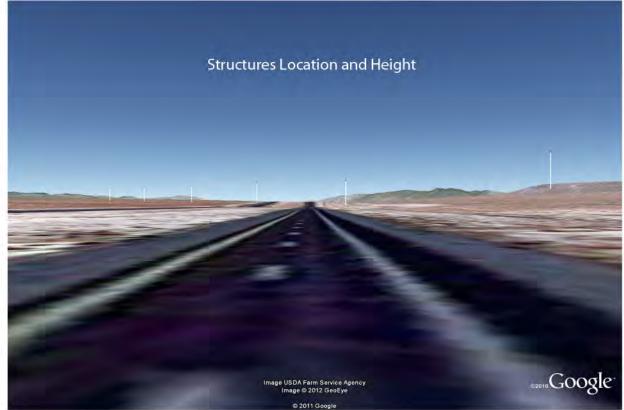
### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-1 Interstate 15 (southbound) (Segment 550)









### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORM	MATION
1. Project Name TransWest Express	4. Location_I-15 (southbound)	5. Location Sketch
2. Key Observation Point LV-2	Township 14S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	Range 68E Section 005	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor. Angular background mountains.	Blanket and clumps of shrubs and grasses. Sparse Joshua trees.	Planar roadway and row of utility poles
LINE	Horizontal and angular ridgelines. Horizontal valley floor.	Irregular Joshua trees, shrubs and grass patterns.	Horizontal roadway and vertical utility poles.
COLOR	Light to medium reddish tan and grey	Silver green and tan shrubs and tan grasses. Medium olive green Joshua trees.	Light, medium to dark grey roadway. Medium to dark brown utility poles.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TUR		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource						
DEGREE OF		LA	ND/\ BO	30	ER	VE	GET	ATIC	N	STRUCTURES (3)				management objectives? ▼ Yes □ No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating med Yes No (Explain		
s	Form										х			Evaluator's Names	Date	
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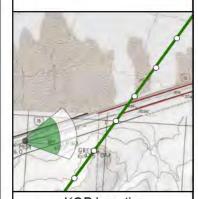
### Rationale:

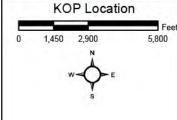
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





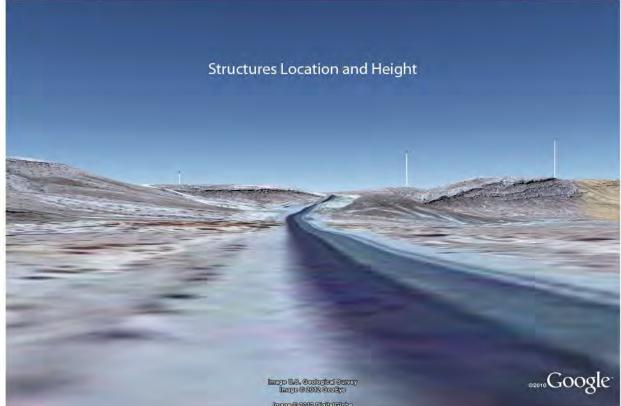
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-2 Interstate 15 (southbound) (Segment 550)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

A.W. & 2	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location_Nevada SH 169 (southbound)	5. Location Sketch
2. Key Observation Point LV-4	Township 15S	Please see Figure 3.12-3
3. VRM Class	Range_67E	
III (VRI Class III)	Section 005	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Rolling hills.	Blanket and clumps of shrubs and grasses.	Undulating planar roadway and twin h- frame t-lines' cylindrical poles.			
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal h-frame poles. Curvilinear conductors.			
COLOR	Light to medium reddish tan and grey	Dark green and tan shrubs and tan grasses.	Light, medium to dark grey roadway.  Medium to dark brown utility poles. Light grey to silver conductors.			
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.			

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	3,120211110	Pyramidal steel lattice structures and guys, and tubular conductors.
TUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Medium to dark grey steel lattice structures, guys, and conductors.
THE STATE OF THE S		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	4					
DEGREE OF		LAND/WATER BODY (1)			VEGETATION (2)				STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives? ▼ Yes ► No (Explain on reverse side)		
	CONTRAST		Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
	Form										х			Evaluator's Names	Date
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Elements	Color	-								-1	X				
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#### Rationale

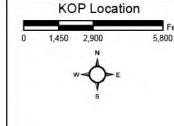
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



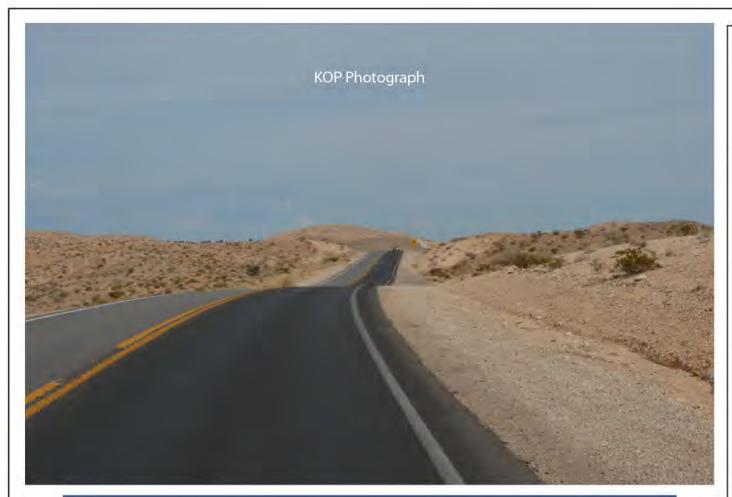


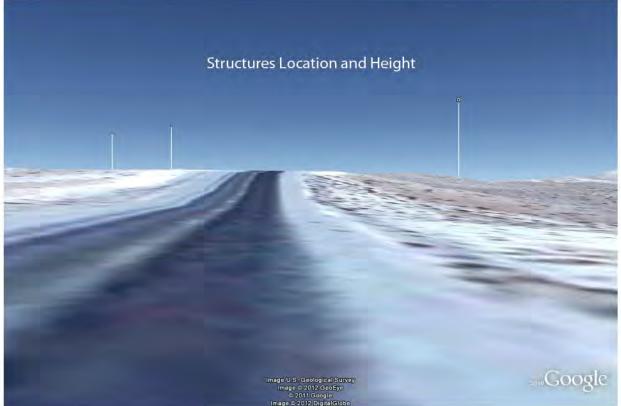
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-4 Nevada State Hwy 169 (southbound) (Segment 550)









1. Project Name TransWest Express

LV-5

3. VRM Class
III (VRI Class III)

2. Key Observation Point

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION	ON A. PROJECT INFORMAT	TION	
SECTI	4. Location Nevada SH 169 (northbound) Township 15S	5. Location Sketch Please see Figure 3.12-3	

Section 009
SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills.	Blanket and clumps of shrubs and grasses.	Undulating planar roadway and twin h- frame t-lines' cylindrical poles.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal h-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey	Dark green and tan shrubs and tan grasses.	Light, medium to dark grey roadway.  Medium to dark brown utility poles. Light grey to silver conductors.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER
2. VEGETATION
3. STRUCTURES

Pyramidal steel lattice structures and guys, and tubular conductors.

Vertical steel lattice structures, angular guys, and curvilinear conductors.

Light silver to dark grey steel lattice structures, guys, and conductors.

Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	• B					
DEGREE OF CONTRAST		LAND/WATER BODY (1)			VE	GET	ATIC	ON	ST	RUC	TURI	ES	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)		
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
90	Form				1. [			) III			Х			Evaluator's Names	Date
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### Rationale:

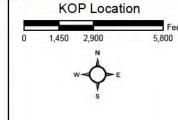
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



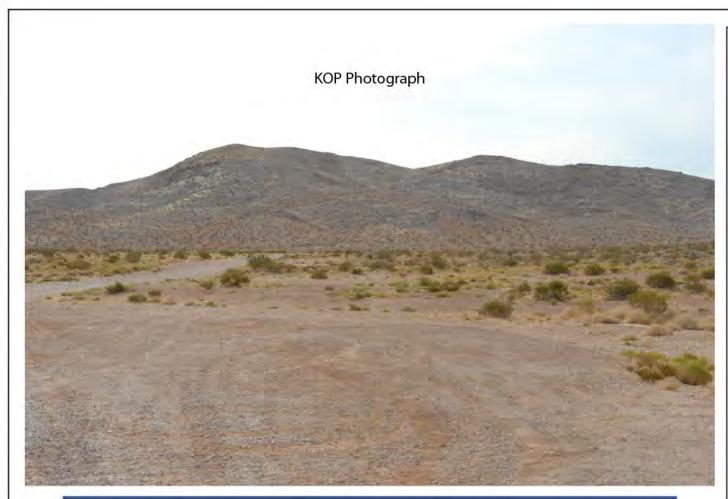


## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-5 Nevada State Hwy 169 (northbound) (Segment 550)









1. Project Name TransWest Express 2. Key Observation Point

3. VRM Class III (VRI Class III)

grey.

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011 District Southern Nevada DO Resource Area

Activity (program)

SEC	TION A. PROJECT INFORMAT	TION
	4. Location 1-15/Hidden  Valley Interchange  Township 15S  Range 66E	5. Location Sketch Please see Figure 3.12-3

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Rolling and angular hills. Blanket and clumps of shrubs and Planar roadway and parking area. grasses. Horizontal, curvilinear and angular Horizontal roadway and parking area. Irregular shrubs and grass patterns. ridgelines. Light to medium reddish tan and Dark green and tan shrubs and tan Light, medium tan roadway and parking Smooth to medium landform. Smooth, medium and coarse. Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TUNE		Vertical steel lattice structures, angula guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

Section 015

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF CONTRAST		LA	VEGETATION (2)				STRUCTURES (3)				management objectives? Ves No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me  Yes No (Explain	
90	Form										Х			Evaluator's Names	Date
Elements	Line										Х			M. Paulson	09/09/2011
e	Color										X	7			
-	Texture						5					x			

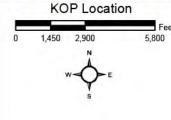
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-6 Interstate 15 Hidden Valley Interchange (Segment 550)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011 District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Nevada SH 169 (southbound)	5. Location Sketch
2. Key Observation Point LV-7	Township_17S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	Range 65E Section 008	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar, slightly undulating roadway.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal, slightly curvilinear roadway.
COLOR	Light to medium reddish tan and grey	Dark tan and light green shrubs and tan grasses.	Light, medium to dark grey roadway.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Medium to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	)N D	. co	NTE	RAS	Γ RA	TIN	G	Г	sно	RT T	TERM LONG TERM		
						F	EAT	URE	S					2. Does project design meet visual resource		
	DEGREE OF	LA	BO (I		ER	VI	VEGETATION (2)			STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended  ☐ Yes ☐ No (Explain on reverse side)		
	Form									х				Evaluator's Names Date		
=	T													M Daulcon 00/00/2011		

		Str	Mo	We	N <sub>O</sub>	Str	Mg.	¥	No	Str	Mo	We	No	1 Tes   No (Explain	on reverse side)
8	Form							= 7		х				Evaluator's Names	Date
1 2	Line										X			M. Paulson	09/09/2011
Elem	Color										х				
_	Texture											х			

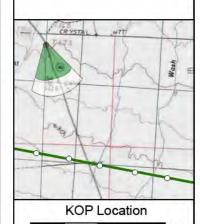
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-774

Project Location



1,400 2,800

### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-7 Nevada State Hwy 169 (southbound) (Segment 570)

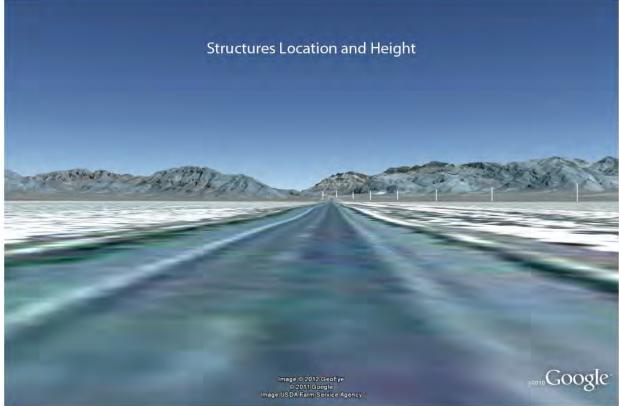




TransWest Express EIS Appendix I I-775







## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011
District Southern Nevada DO
Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	ATION
1. Project Name TransWest Express	4. Location U.S. 93	5. Location Sketch
2. Key Observation Point LV-8	(northbound)  Township 16S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	Range 63E Section 016	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form, Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and cylindrical h-Frame poles. Pyramidal cell tower.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal h-Frame poles and curvilinear conductors. Vertical cell tower.
COLOR	Light to medium reddish tan and grey	Silver green shrubs and tan grasses	Light, medium to dark grey roadway and light grey cell tower. Medium to dark brown utility poles and conductors.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth

SECT	ON C. PROPOSED ACTIVITY DESC	CRIPTION
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2 Does project design most	2. Does project design meet visual resource				
DEGREE OF CONTRAST		LA	VEGETATION (2)				STRUCTURES (3)				management objectives? ✓ Yes ☐ No (Explain on reverse side)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Moderate	None	3. Additional mitigating measures recommended  ☐ Yes ☐ No (Explain on reverse side)	
s	Form										X			Evaluator's Names	Date
Elements	Line						] = [		1		х			M. Paulson	09/08/2011
Jen	Color										X				
~	Texture									100		X			

#### Rationale:

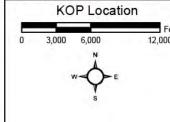
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





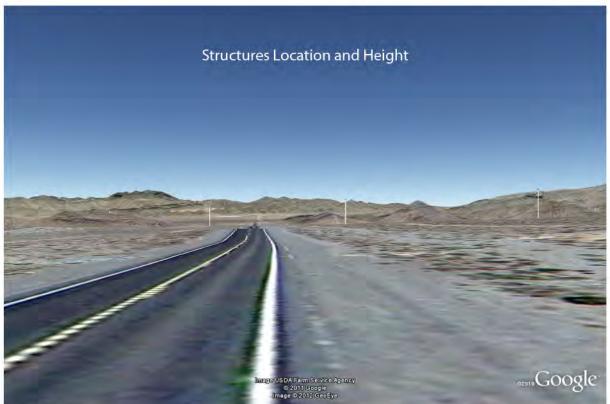
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-8 U.S. 93 (northbound) (Segment 520)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORM.	ATION		
1. Project Name TransWest Express	4. Location U.S. 93	5. Location Sketch		
2. Key Observation Point LV-9	(eastbound) Township_17S	Please see Figure 3.12-3		
3. VRM Class III (VRI Class III)	Range 63E			

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and pyramidal steel lattice towers.
TINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Horizontal roadway, vertical steel lattice structures and horizontal curvilinear conductors. Vertical light poles
COLOR	Light to medium reddish tan and grey	Silver green shrubs and tan grasses	Light, medium to dark grey roadway and dark grey towers and poles.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
rive		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2 D					
	DEGREE OF	LA	VE	GET	ATIC	N	STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating med Yes No (Explain	
9	Form							LL.			х			Evaluator's Names	Date
E	Line											х		M. Paulson	09/08/2011
5	Color											х			
-	Texture						- 1		11111		1 11	х			

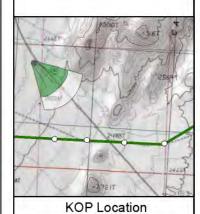
#### Rationale

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



0 1,450 2,900 5,800 W \$\int \text{S} \text{E}

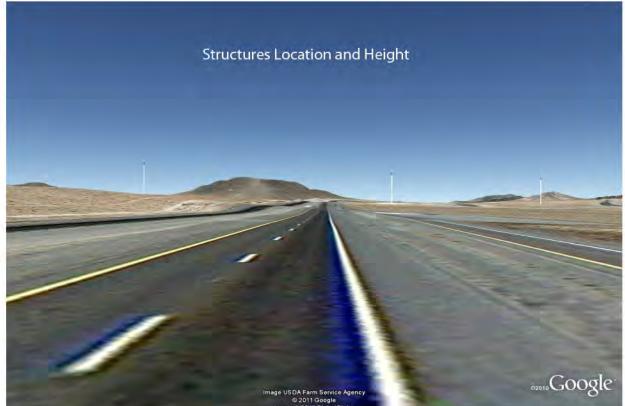
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-9 U.S. 93 (eastbound) (Segment 610)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORM	MATION
1. Project Name TransWest Express	4. Location_I-15 (southbound)	5. Location Sketch
2. Key Observation Point LV-10	Township 18S	Please see Figure 3.12-3

 3. VRM Class
 Range 63E

 Private
 Section 035

	SECTION B.	CHARACTERISTIC LANDSCAPE DES	SCRIPTION
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar roadways and bridge. Multiple utilities, including t-lines, lights, and cell tower.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways and bridge. Vertical utilities.
COLOR	Light to medium reddish tan and grey	Dark tan and light green shrubs and tan grasses.	Light, medium grey roadway and dark grey bridge. Medium to dark grey utilities.
TEX.	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE	The state of the s	Vertical steel lattice structures, angular guys, and curvilinear conductors.
согок		Medium to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					3 D	
DEGREE OF		LA	VI	EGETATION (2)		STRUCTURES (3)		ES	2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)						
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
9	Form										Х			Evaluator's Names	Date
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Jen											15	х			
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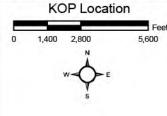
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





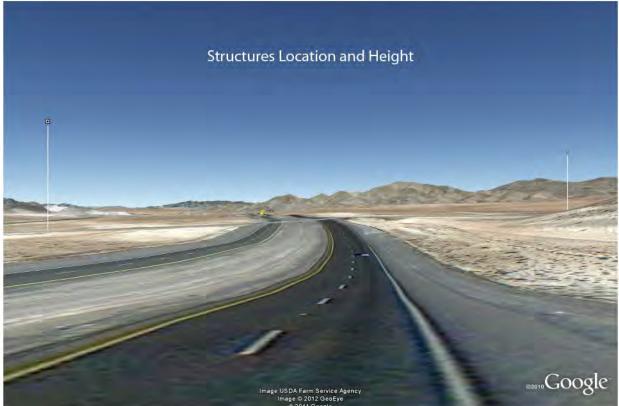
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-10 Interstate-15 (southbound) (Segment 610)









1. Project Name

TransWest Express

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

4. Location | 1-15 | 5. Location | Sketch |

 2. Key Observation Point
 (northbound)

 LV-11
 Township 19S

 3. VRM Class
 Range 63E

 Private
 Section 003

Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar roadways and bridge. Multiple utilities, including t-lines.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways and bridge. Vertical utilities.
COLOR	Light to medium reddish tan and grey	Dark tan and light green shrubs and tan grasses.	Light, medium grey roadway and dark grey bridge. Medium to dark grey utilities.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTI	VITY DESCRIPTION
--------------------------	------------------

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
и согов		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX.		Coarse steel lattice structures, and smooth guys and conductors.

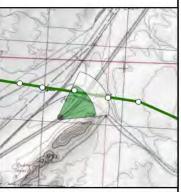
						F	EAT	URE	S	2. Does project design meet visual resource						
DEGREE OF		LA	BO:	7.7	ER	VEGETATION (2)				STRUCTURES (3)			ES	management objectives?  Yes No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	nsures recommended on reverse side)	
*	Form										X			Evaluator's Names	Date	
Elements	Line										1.7	х		M. Paulson	09/09/2011	
Jen	Color											X				
-	Texture							771				X				

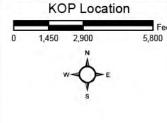
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-11 Interstate 15 (northbound) (Segment 610)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	ATION
1. Project Name TransWest Express	4. Location U.S. 93	5. Location Sketch
2. Key Observation Point LV-19	(westbound).  Township 23S	Please see Figure 3.12-4
3. VRM Class	Range 64E	
Private	Section 007	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cubed signage and structure and cylindrical highway sign pole.			
LINE	Angular rock formations and ridgeline.	Irregular shrubs and grass patterns.	Horizontal roadway. Horizontal and vertical building and signage. Vertical utilities.			
COLOR	Light to medium reddish tan and grey	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. White structure and black to green signage.  Medium to dark grey and brown utilities.			
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.			

SECTION	ON C. PROPOSED ACTIVITY DESC	CRIPTION			
1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.			
TEX		Coarse steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S	L Book Company of Production						
DEGREE OF CONTRAST		LAND/WATER BODY (1)					GET	ATIO	N	STRUCTURES (3)				2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)		
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea		
s	Form										х			Evaluator's Names	Date	
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Texture												Y				

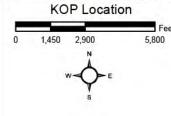
#### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





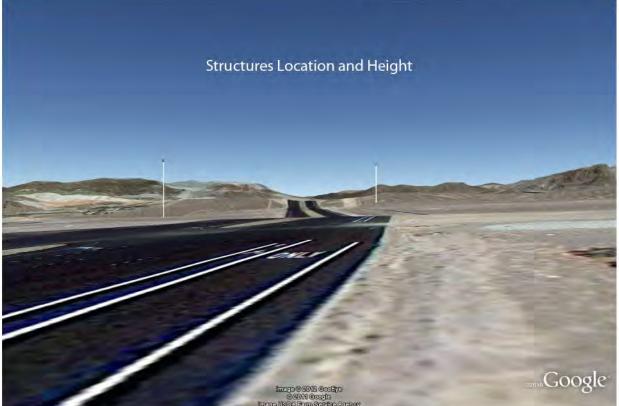
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-19 U.S. 93 (westbound) (Segment 760)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

100000	SECTION A. PROJECT INFORM.	ATION
1. Project Name TransWest Express	4. Location U.S. 93	5. Location Sketch
2. Key Observation Point LV-20	(westbound).  Township 21S	Please see Figure 3.12-4
3. VRM Class Private	Range 63E Section 033	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, disturbed planar mining, and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors.
LINE	Horizontal mining, angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	TON 3. STRUCTURES					
I. LAND/WATER	2. VEGETATION	5. STRUCTURES					
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.					
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.					
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.					
TRX		Coarse steel lattice structures, and smooth guys and conductors.					

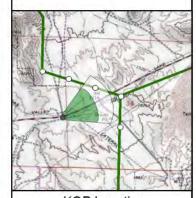
		SEC	-110	)N D	. cc	NTF		URE	eles).	G		эно	KI	TERM LONG TERM	Augusta is
DEGREE OF		LA	VEGETATION (2)					RUC	TURI	ES	2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
50	Form		1 =									х		Evaluator's Names	Date
Elements	Line											х		M. Paulson	09/09/2011
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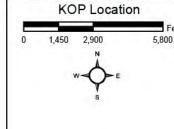
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





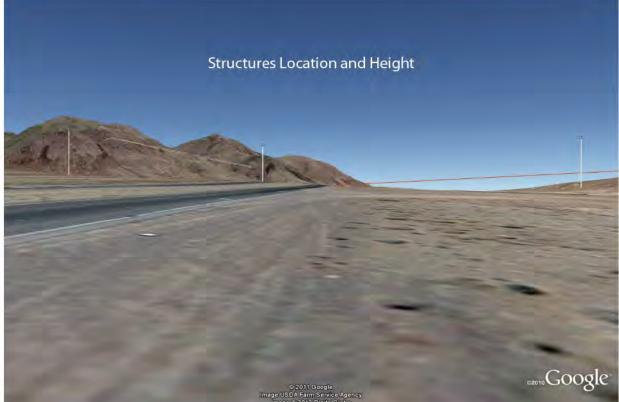
## TRANSWEST EXPRESS TRANSMISSION PROJECT

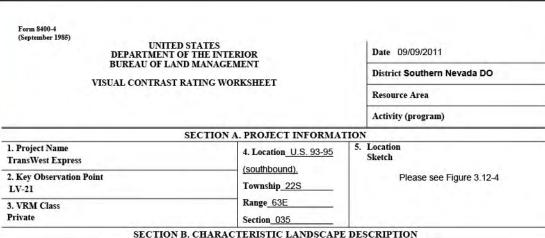
KOP LV-20 U.S. 93 (westbound) (Segment 700)











	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

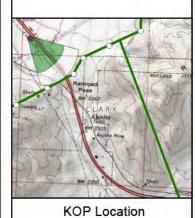
1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.				
rue		Vertical steel lattice structures, angula guys, and curvilinear conductors.				
COLOR		Medium silver to dark grey steel lattice structures, guys, and conductors.				
TURE		Coarse steel lattice structures, and smooth guys and conductors.				

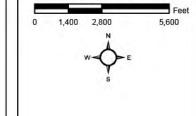
						F.	EAT	URE	S	2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)					
DEGREE OF		LA	ND/V BO	7.7	R	VE	GET.	777	N			STRUCTURES (3)			
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
S	Form		110								х	-	5	Evaluator's Names	Date
ent	Line											х		M. Paulson	09/09/2011
Elements	Color											х			
	Texture											Х			

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





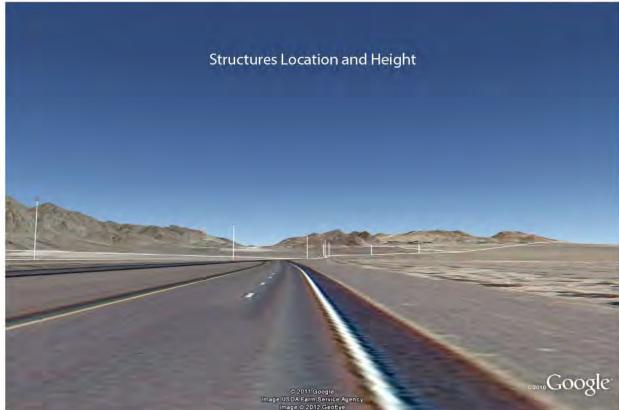
### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-21 U.S. 93-95 (southbound) (Segment 790)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011 District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORM	ATION
1. Project Name TransWest Express	4. Location U.S. 95 (northbound).	5. Location Sketch
2. Key Observation Point LV-22	Township 23S	Please see Figure 3.12-4
3. VRM Class IV (VRI Class III)	Range 63E Section 014	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, disturbed planar mining, and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Multiple buildings and signs.
LINE	Horizontal mining, angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.  Horizontal and vertical blds and signs.
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX.		Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ▼ Yes □ No VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST 6. Additional mitigating measures recommended

T Yes T No (Explain on reverse side) Form Evaluator's Names 09/09/2011 M. Paulson Line Color

### Rationale:

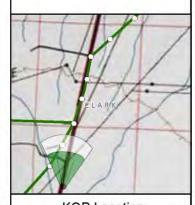
Texture

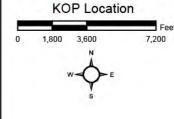
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



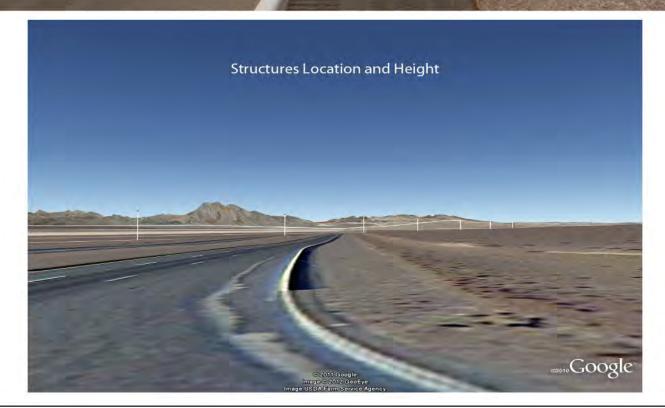


### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-22 U.S. 95 (northbound) (Segment 820)







#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 09/09/2011 District Southern Nevada DO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location 4. Location U.S. 95 TransWest Express (northbound). 2. Key Observation Point Please see Figure 3.12-4 Township 23S Range 63E 3. VRM Class Private Section 027 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Flat planar valley, planar mining Clumps of desert shrubs and grasses. Planar roadways. Multiple pyramidal disturbance and angular mountains. steel lattice structures and multiple conductors. Cylindrical utility poles. Angular ridgelines and horizontal Irregular shrubs and grass patterns. Horizontal roadway. Vertical t-line structures. Curvilinear conductors. valley. Light to medium reddish tan and Dark brown and tan desert shrubs and Medium to dark grey roadway. Medium to dark grey utilities. grey. Smooth to medium landform. Smooth, medium and coarse. Smooth to medium. TEX-SECTION C. PROPOSED ACTIVITY DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Pyramidal steel lattice structures and guys, and tubular conductors. Vertical steel lattice structures, angular guys, and curvilinear conductors. Light silver to dark grey steel lattice structures, guys, and conductors. Coarse steel lattice structures, and smooth guys and conductors. SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ☐ Yes ☐ No BODY VEGETATION STRUCTURES

Appendix I

#### Rationale:

DEGREE OF CONTRAST

Form

Color

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

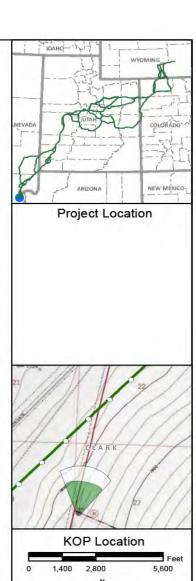
(Explain on reverse side)

Evaluator's Names
M. Paulson

Additional mitigating measures recommended

Yes No (Explain on reverse side)

09/09/2011



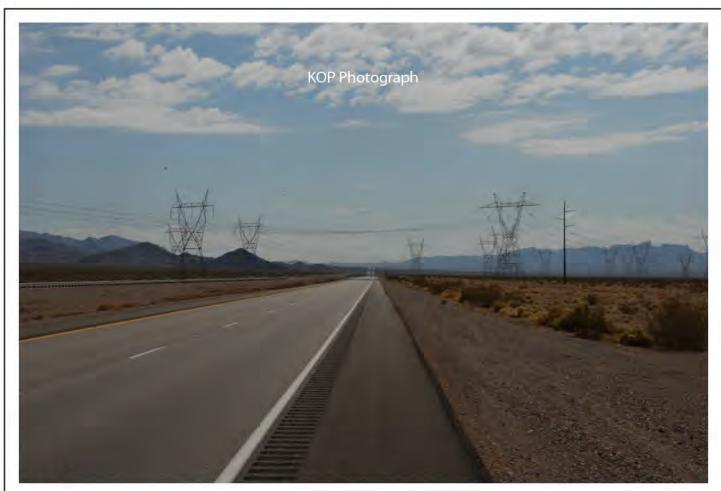
I-784

## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-23 U.S. 95 (northbound) (Segment 770)









1. Project Name TransWest Express

LV-24

2. Key Observation Point

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area
Activity (program)

5	SECTION A. PROJECT INFORMA	ATION
	4. Location <u>U.S. 95</u>	5. Location Sketch
	(southbound).	Please see
	Township 24S	Please see

 3. VRM Class
 Range 63E

 Private (Private)
 Section 015

Please see Figure 3.12-4

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FLNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
СОГОВ		Medium to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S						6.025 V.Z. 0.5 S.J.
DEGREE OF CONTRAST		(1)					VEGETATION ST					TURI	ES	2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)	
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form	11					1.1					X	11	Evaluator's Names	Date
Elements	Line	1)										х		M. Paulson	09/09/2011
len	Color		1									х			
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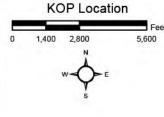
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





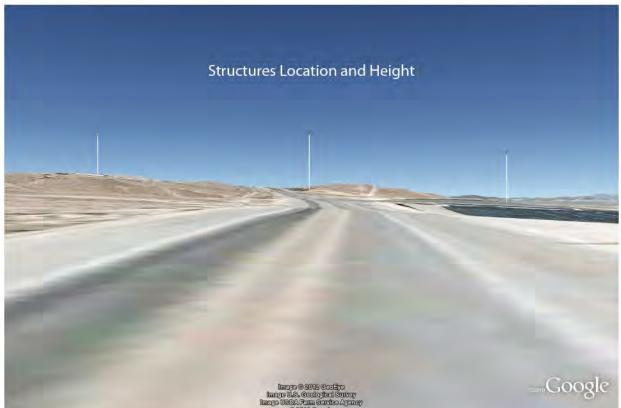
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-24 U.S. 95 (southbound) (Segment 770)









1. Project Name

TransWest Express

2. Key Observation Point

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

4. Location Nevada SH
168 (westbound).

5. Location Sketch

LV-34 Township

3. VRM Class Range

Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and rolling hills.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER

2. VEGETATION

3. STRUCTURES

Pyramidal steel lattice structures and guys, and tubular conductors.

Vertical steel lattice structures, angular guys, and curvilinear conductors.

Light silver to dark grey steel lattice structures, guys, and conductors.

Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S				- 1	3 D	and a continue	
	DEGREE OF	LA	ND/V BO	7.7	ER	VE	GET	ATIO	N	ST	RUC	3.075	s	2. Does project design meet management objectives? (Explain on reverse side)		
CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain			
5	Form													Evaluator's Names	Date	
Elements	Line													M. Paulson 09/09/20		
Tal.	Color	-14		200						- 1						
=	Texture			<u> </u>												

#### Rationale:

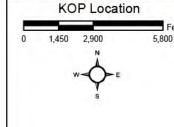
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





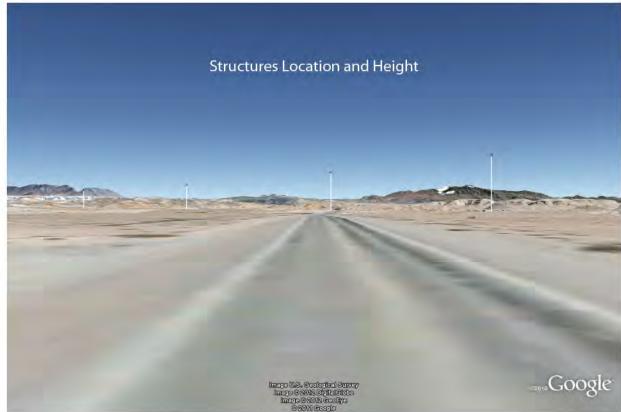
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-34 Nevada State Hwy 168 (westbound) (Segment 540)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

3.5. 4.4.4.5	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Nevada SH	5. Location Sketch
2. Key Observation Point LV-35	168 (eastbound).  Township_14S	Please see Figure 3.12-3
3. VRM Class III (VRI Class III)	Range 66E Section 033	

## SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures.
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
80103		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		1				F	EAT	URE	S						
DEGREE OF CONTRAST		LA	VEGETATION (2)				STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
,	Form					- 7			1.1		х			Evaluator's Names	Date
=	Line Color								1111		х			M. Paulson	09/09/2011
Elements				11								х			
7	Texture	11 711		T II				1	14	10		X			

#### Rationale

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

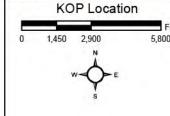
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-787

Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-35 Nevada State Hwy 168 (eastbound) (Segment 540)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Nevada SH  168 (eastbound).	5. Location Sketch
2. Key Observation Point LV-36	Township 15S	Please see Figure 3.12-3
3. VRM Class	Range 66E	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Flat planar valley, rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cylindrical utility poles.				
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures.				
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.				
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.				

5.	ECTION C. PROPOSED ACTIVITY DESC	CKIPTION			
1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
CINE		Vertical steel lattice structures, angula guys, and curvilinear conductors.			
80700		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Coarse steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S	F A LOUIS NAME TO A CONTROL OF					
DEGREE OF		LA	VEGETATION (2)				STRUCTURES (3)				2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s	Form			Ш	T			1			х	1.71		Evaluator's Names	Date
Element	Line										x			M. Paulson	09/09/2011
	Color											Х	-		
	Texture												Y		

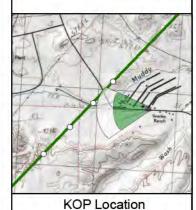
#### Rationale:

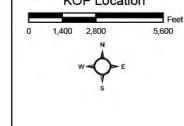
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





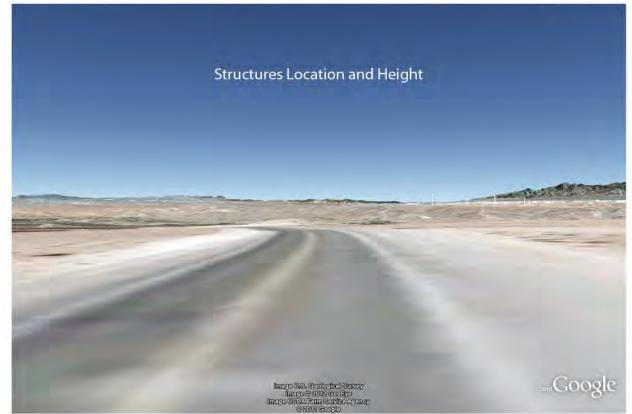
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-36 Nevada State Hwy 168 (westbound) (Segment 540)









1. Project Name

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION	A. PROJECT INFORMAT	TION
	4. Location Nevada SH	5. Location Sketch

Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Flat planar valley and rolling hills.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.				
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.				
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.				
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.				

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
True		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
согок		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Coarse steel lattice structures, and smooth guys and conductors.			

SECTION D. CONTRAST RATING SHORT TERM LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ▼ Yes No VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST 3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Form Evaluator's Names 09/09/2011 M. Paulson Line Color Texture

#### Rationale:

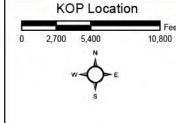
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-37 Nevada State Hwy 78 (westbound) (Segment 540)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011 District Southern Nevada DO Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_I-15 (southbound).	5. Location Sketch
2. Key Observation Point LV-38	Township 17S	Please see Figure 3.12-3
3. VRM Class IV (VRI Class III)	Range 64E Section 015	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures and multiple conductors.				
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.				
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.				
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.				

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.		
rue		Vertical steel lattice structures, angular guys, and curvilinear conductors.		
и согов		Light silver to dark grey steel lattice structures, guys, and conductors.		
TURE		Coarse steel lattice structures, and smooth guys and conductors.		

SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ✓ Yes ☐ No VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST 3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Evaluator's Names Date Form 09/10/2011

M. Paulson Line Color Texture

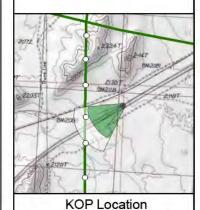
### Rationale:

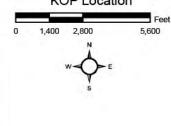
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





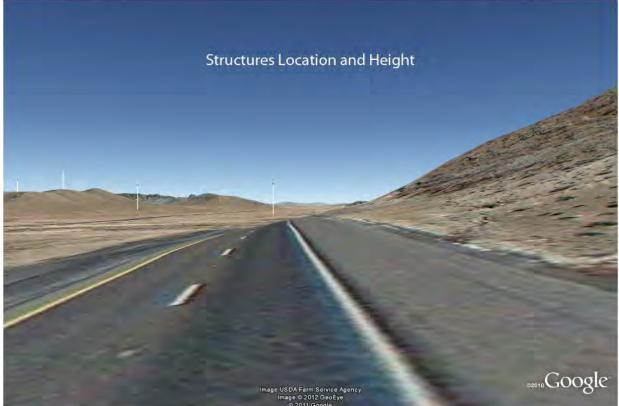
### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-38 Interstate 15 (southbound) (Segment 590)









## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011 District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

5. Location Sketch 1. Project Name 4. Location 1-15 TransWest Express (northbound). 2. Key Observation Point Township 17S Range 64E 3. VRM Class III (VRI Class III)

Please see Figure 3.12-3

Section 015

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures and multiple conductors.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES
	Pyramidal steel lattice structures and guys, and tubular conductors.
	Vertical steel lattice structures, angular guys, and curvilinear conductors.
	Light silver to dark grey steel lattice structures, guys, and conductors.
	Coarse steel lattice structures, and smooth guys and conductors.
	2. VEGETATION

_		SEC	CTIC	ON D	. CO	NTI	RAS	Γ RA	TIN	G	Γ:	sно	RT	TERM V LONG TERM		
						F	EAT	URE	S		2 D	Jan 19 Carlot				
	DEGREE OF	LA	VEGETATION (2)				STRUCTURES (3)				2. Does project design meet visual resource management objectives? ▼ Yes ▼ No (Explain on reverse side)	▼ Yes □ No				
	CONTRAST		Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me  Yes No (Explain	asures recommended n on reverse side)	
90	Form										х			Evaluator's Names	Date	
E	Line										х			M. Paulson	09/10/2011	
5	Color											X				

Texture

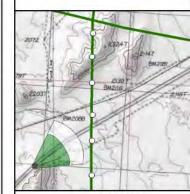
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

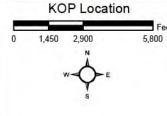
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-791

Project Location





### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-39 Interstate 15 (northbound) (Segment 590)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	09/10/2011
Distri	ct Southern Nevada D
Resou	irce Area

Activity (program)

	SECTION A. PROJECT INFORMA	IION
1. Project Name TransWest Express	4. Location Lake Mead  Blvd Recreation Area	5. Location Sketch
2. Key Observation Point LV-41	Township_20S	Please see Figure 3.12-4
3. VRM Class III (VRI Class III)	Range 63E Section 026	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar parking and signage.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal gravel parking and vertical and horizontal signage.
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Light to medium gray parking. White, green, and reddish brown signage.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER

2. VEGETATION

3. STRUCTURES

Pyramidal steel lattice structures and guys, and tubular conductors.

Vertical steel lattice structures, angular guys, and curvilinear conductors.

Light silver to dark grey steel lattice structures, guys, and conductors.

Coarse steel lattice structures, and smooth guys and conductors.

		SEC	-110	1111	·co	TALL	CAD.	ΓRA	1111	G	1 - 6	опо	KI.	TERM LONG TERM		
		1				F	EAT	URE	S					2 Does presient design most	rional neconnec	
DEGREE OF		LAND/WATER BODY (1)					VEGETATION (2)				RUC	3355	ES	2. Does project design meet visual resource management objectives?   ☐ Yes   ☐ No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
s	Form							1 1		х				Evaluator's Names	Date	
neut	Line									Х	-			M. Paulson	09/10/2011	
Elements	Color	-							-		X	7.7	7			
-	Texture		10.11							1	X					

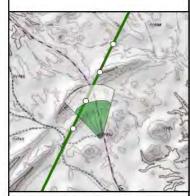
#### Rationale:

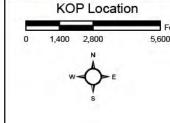
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

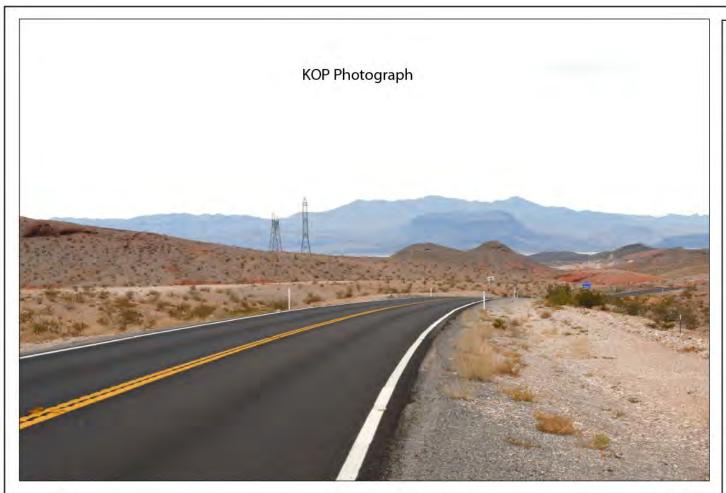
KOP LV-41 Lake Mead Boulevard Recreation Area (Segment 630)

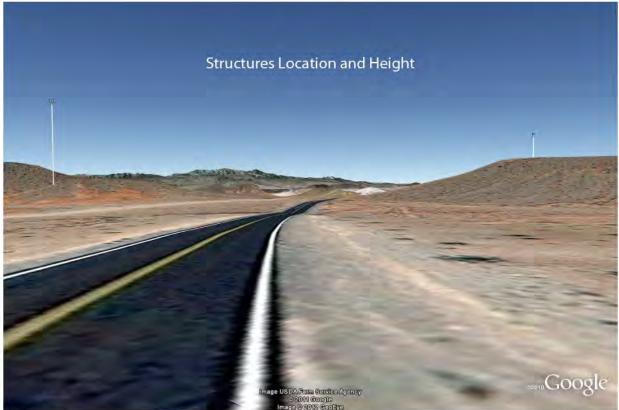




TransWest Express EIS Appendix I I-793







#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location_Lake Mead Blvd (southbound)	5. Location Sketch
2. Key Observation Point LV-42	Township 20S	Please see Figure 3.12-4
3. VRM Class	Range 63E	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Rolling hills and angular mountains. Clumps of desert shrubs and grasses. Planar roadway. Multiple pyramidal steel Planar water. structures. Curvilinear and angular ridgelines. Irregular shrubs and grass patterns. Meandering roadway and vertical t-lines. Horizontal water. Curvilinear conductors. Light to medium reddish tan and Medium to dark grey roadway and dark Dark brown and tan desert shrubs and grasses grey t-lines. Smooth to medium landform. Smooth, medium and coarse. Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
80700		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF CONTRAST		LAND/WATER BODY (1)			BODY				N	ST	RUC	2.2.55	ES	management objectives? (Explain on reverse side)	
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
	Form										х			Evaluator's Names	Date
Ē	Line										х			M. Paulson	09/10/2011
Elemen	Color Texture											х			
-												х			

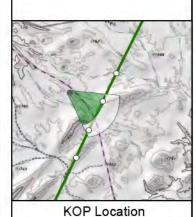
#### Rationale

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



1,450 2,900

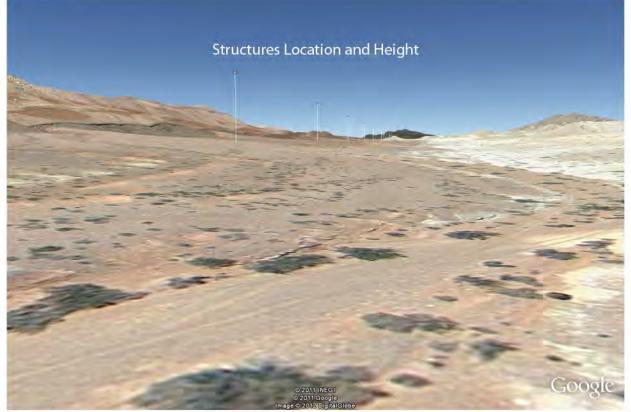
TRANSWEST EXPRESS
TRANSMISSION PROJECT

KOP LV-42 Lake Mead Boulevard (southbound) (Segment 630)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District Southern Nevada DO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location_Pabco BLM  Recreation Road	5. Location Sketch
2. Key Observation Point LV-43	Township 21S	Please see Figure 3.12-4
3. VRM Class III (VRI Class III)	Range 63E Section 004	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains. Planar water.	Clumps of desert shrubs and grasses.	Planar roadway. Cuboid bollards. Linear cables.
LINE	Curvilinear and angular ridgelines. Horizontal water.	Irregular shrubs and grass patterns.	Meandering roadway. Vertical and horizontal bollards and curvilinear cables
COLOR	Light to medium reddish tan and grey	Dark brown and tan desert shrubs and grasses.	Light to medium reddish tan roadway. Medium to dark brown bollards.
TEX-	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TIME		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF CONTRAST		(1)				VI	VEGETATION S			STRUCTURES (3)			cs	management objectives?  Yes  No (Explain on reverse side)	
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
,	Form									х				Evaluator's Names	Date
I	Line									х				M. Paulson	09/10/2011
Elements	Color	1 0									X				
-	Texture										х				

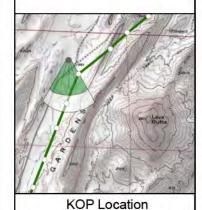
#### Rationale:

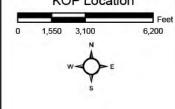
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-43 Pabco BLM Recreation Road (Segment 630)







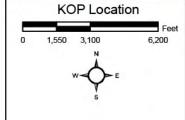
6,200





**Project Location** 





# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-43 Cumulative Condition (Segment 630)





FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of trees, grasses and forbs.	NA
LINE	Horizontal ridgeline.	Irregular edges of trees, shrubs and grasses.	NA
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium reddish browns.	NA
TEX.	Smooth to coarse landforms.	Smooth, moderate and coarse.	NA
	SECTION	ON C. PROPOSED ACTIVITY DESCRI	PTION
	1 I ANDAWATED	2 VECETATION	2 CTDUCTUDEC

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
и согов		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S						
DEGREE OF		LA	VEGETATION (2)				STRUCTURES (3)				2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended  ☐ Yes ☐ No (Explain on reverse side)	
s	Form								1.7		Х			Evaluator's Names Date	_
Line Color											Х			M. Paulson 01/04/13	
									-	1		X			
-	Texture	-: 1	11									Х			

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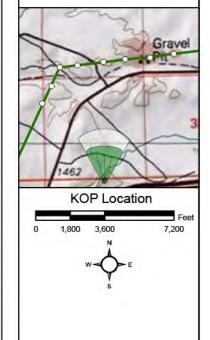
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-798

Project Location



# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-1 I-70 Scenic Overlook (Segment 220.1)













# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

#### SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location 1-70-	5. Location Sketch
2. Key Observation Point M-2	Dinosaur Diam. Inters.  Township 20S	Please see Figure 3.12-2
3. VRM Class	Range 24E	
IV (VRI Class III)	Section 29	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway.		
LINE	Horizontal ridgeline.	Irregular edges of shrubs and grasses.	Horizontal.		
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light tan to medium greens and browns.	Light to medium grey.		
TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.		

SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES
	Pyramidal steel lattice structures and guys, and tubular conductors.
	Vertical steel lattice structures, angular guys, and curvilinear conductors.
	Light silver to dark grey steel lattice structures, guys, and conductors.
	Coarse steel lattice structures, and smooth guys and conductors.
	2. VEGETATION

SECTION D. CONTRAST RATING SHORT TERM LONG TERM
FEATURES 2. Does project design most a

DEGREE OF		LA	BO (1	DY	ER	VI	3755	ATIO	ON	ST	5757	TURI	ES	2. Does project design meet management objectives? (Explain on reverse side)												
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating med Yes No (Explain												
s	Form		1							х	1 1			Evaluator's Names	Date	-										
E	Line	Line	Line	Line	Line	Line	Line	Line	Line	Line	Line			J.			,				X			M. Paulson 07/22/2	07/22/2011	
len	Color			1-11				_ [			х		-													
-	Texture			le l	-			- 1				х														

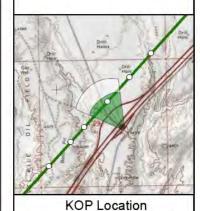
#### Rationale:

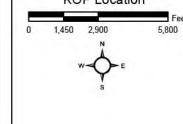
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





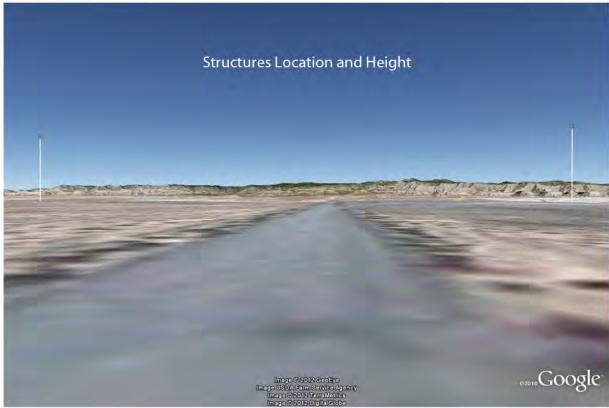
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-2 Interstate 70 Dinosaur Diamond Intersection (Segment 220.1)









1. Project Name TransWest Express

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SEC	TION A. PROJECT INFORMAT	ION
	4. Location Old Spanish	5. Location Sketch
	<u>Trail</u>	Please see Figure 3.12-2

 2. Key Observation Point
 Itali

 M-4
 Township 21S

 3. VRM Class
 Range 23E

 III
 Section 21

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of grasses and forbs.	s. Foreground paved roadway and parking area.				
LINE	Horizontal ridgeline.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear.				
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium greens and browns.	Light to medium reddish grey and brown.				
TEX- TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.				

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
согов		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S					2 Does project design most	ricual reconnec
DEGREE OF		LAND/WATER BODY (1)				VE	GET.		N	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
,	Form									х				Evaluator's Names	Date
Elements	Line				_ =		1				X			M. Paulson	07/22/2011
	Color				-						X		177		
	Texture											х	1		

#### Rationale:

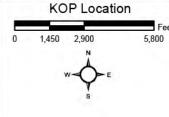
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-4 Old Spanish Trail (Segment 220.1)

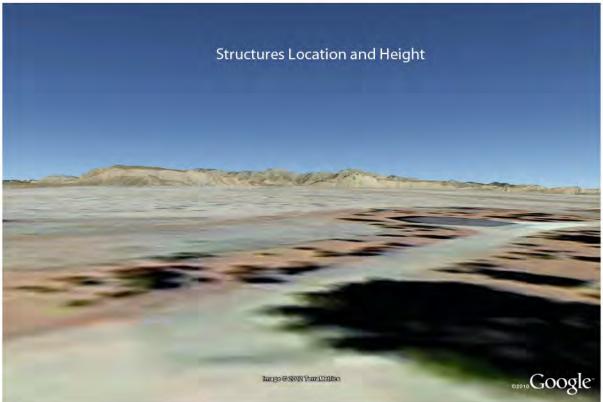


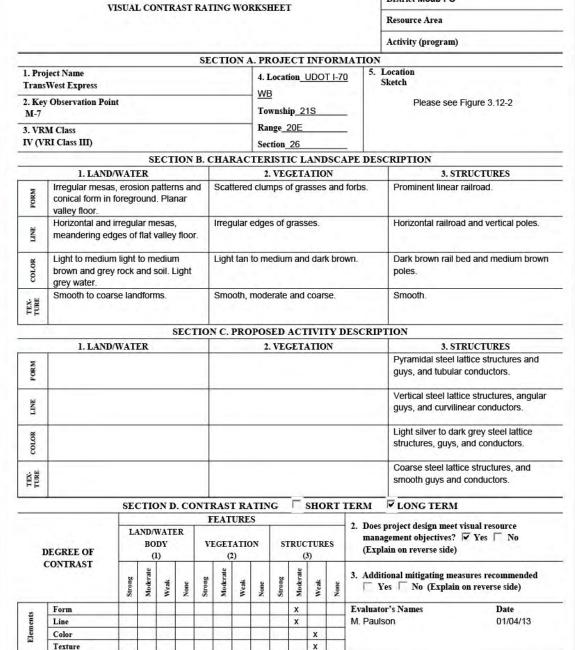




UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT







Date 07/28/2011

District Moab FO

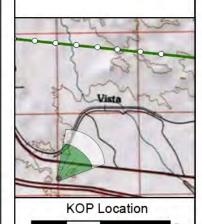
#### Rationale:

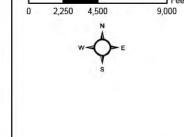
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





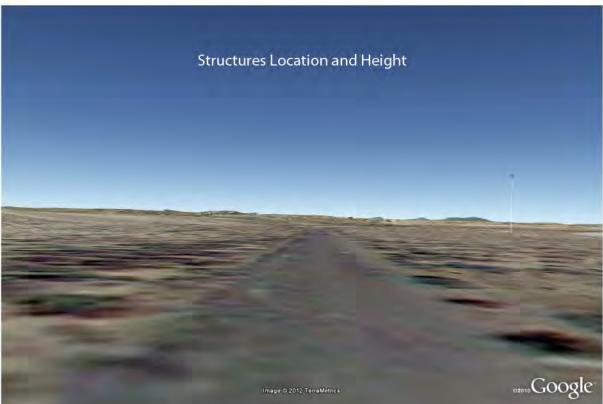
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-7
U.S. Dept of Transportation
I-70 (westbound)
(Segment 220.1)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION								
1. Project Name TransWest Express	4. Location Sego Canyon Rd. SB	5. Location Sketch						
2. Key Observation Point M-8	Township 21S	Please see Figure 3.12-2						
3. VRM Class Private	Range 20E Section 16							

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Irregular and rounded mesa. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground roadway.				
LINE	Horizontal and irregular mesa, and edges of valley ridges and wash.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear.				
Light to medium light to medium brown and grey rock and soil.							
TURE.	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.				

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
True		Vertical steel lattice structures, angular guys, and curvilinear conductors.
жого согож		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

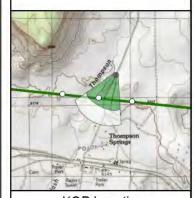
		FEATURES											2. Does project design meet	ricual recourses		
DEGREE OF CONTRAST		(1)			VI	EGET	ATIC	ON	ST	RUC	TURI	ES	management objectives? (Explain on reverse side)	? ☐ Yes ☐ No		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
,	Form									х				Evaluator's Names	Date	
	Line Color	4 100									Х			M. Paulson	01/04/13	
e me me me											х					
-	Texture											х				

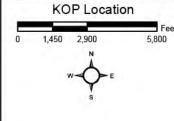
#### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





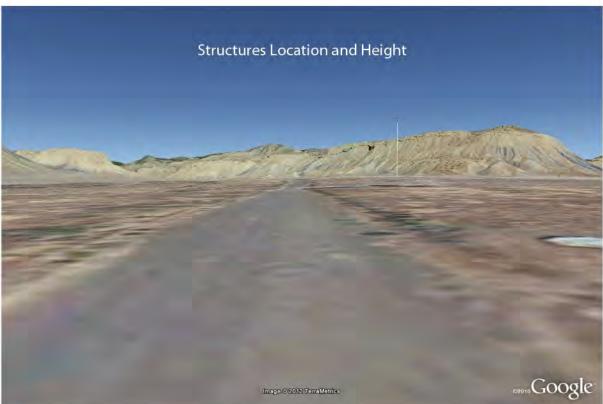
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-8 Sego Canyon Road (southbound) (Segment 220.1)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

To a series of the series of t	SECTION A. PROJECT INFORM	ATION
1. Project Name TransWest Express	4. Location Sego	5. Location Sketch
2. Key Observation Point M-9	Canyon Road NB Township 21S	Please see Figure 3.12-2
3. VRM Class Private	Range 20E Section 21	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and erosion patterns. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway and cuboic historic school structure. Cell towers in midground.
LINE	Horizontal and irregular mesa, and edges of valley ridges.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear road and horizontal and vertical structures
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark greens and browns.	Light to medium grey, white, green and brown
TEX-	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
ITINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2. Does project design meet visual resource					
DEGREE OF CONTRAST		LA	BO:		R	VEGETATION (2)				STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)	
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
S	Form									х			1.1	Evaluator's Names	Date
ie ii	Line										Х			M. Paulson	01/04/13
Elem	Color										Х				
	Texture										-1	х			

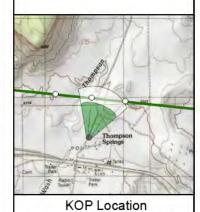
#### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-805

Project Location



1,450 2,900

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-9 Sego Canyon Road (northroad) (Segment 220.1)





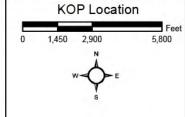






**Project Location** 



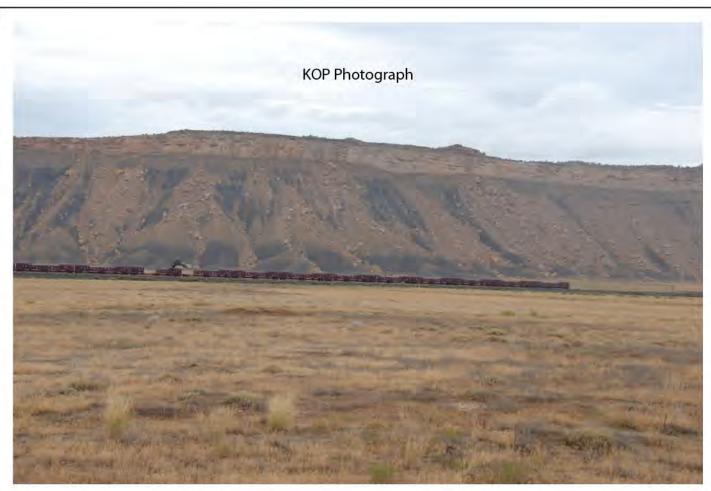


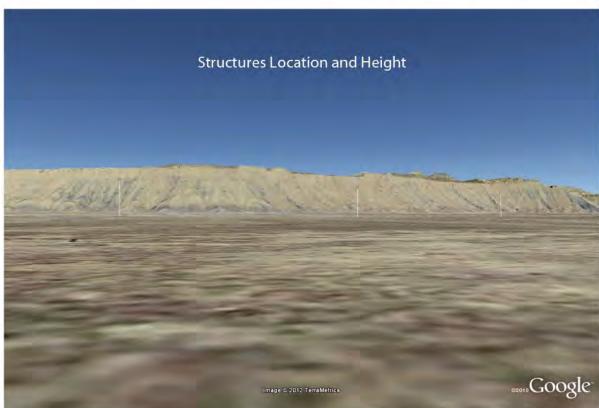
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-9 Cumulative Condition (Segment 220.1)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION	
1. Project Name TransWest Express	4. Location Old Spanish  Trail (Road)	5. Location Sketch	
2. Key Observation Point M-10	Township 21S	Please see Figure 3.12-2	
3. VRM Class IV (VRI Class III)	Range 19E		

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and erosion patterns. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent linear railroad.
LINE	Horizontal and irregular mesas, and edges of flat valley floor.	Irregular edges of grasses.	Horizontal railroad and vertical poles.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark brown.	Dark grey rail bed and medium brown poles.
TEX-	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
FINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S	2 Door project design most	ricual vacannas					
DEGREE OF CONTRAST		LAND/WATER BODY (1)				VE	GET	ATIC	N	ST	RUC	TURI	ES	2. Does project design meet visual resource management objectives? ▼ Yes □ No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea		
s	Form										х			Evaluator's Names	Date	
Elements	Line										Х			M. Paulson	01/04/13	
len	Color	- 1			1-	1-1		11-4				х				
-	Texture											x				

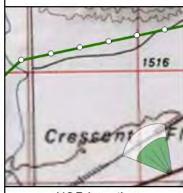
#### Rationale:

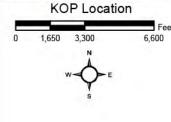
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-10 Old Spanish Trail (Road) (Segment 220.1)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMA	TION		
4. Location UDOT 1-70	5. Location Sketch		
Township_21S	Please see Figure 3.12-2		
Range 19E			
	EB Township_21S		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION
ER 2. VEGETATION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent cylindrical oil facility tanks and railroad bed in foreground. Cylindrical lectrical poles in midground.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular edges of grasses.	Horizontal and vertical tanks, railroad and poles.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark brown.	Medium olive green tanks, dark brown rail bed and medium brown poles.
TEX- TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
CUR		Vertical steel lattice structures, angular guys, and curvilinear conductors.
когом		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ▼ Yes □ No VEGETATION STRUCTURES DEGREE OF (Explain on reverse side) CONTRAST 3. Additional mitigating measures recommended

☐ Yes ☐ No (Explain on reverse side) Form Evaluator's Names Line 01/04/13 M. Paulson Color Texture

#### Rationale:

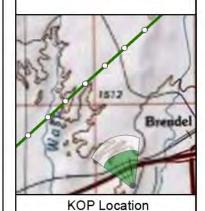
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-809

Project Location



3,600

1,800

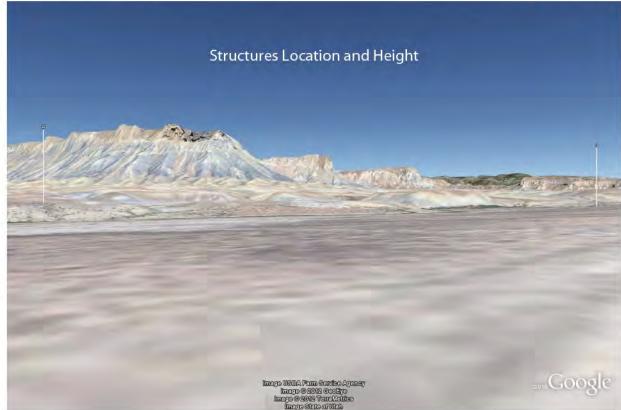
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-11 U.S. Dept. of Transportation I-70 (eastbound) (Segment 220.1)









#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 07/25/2011 District Moab FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 4. Location Floy Wash TransWest Express Rd. SB 2. Key Observation Point Please see Figure 3.12-2 Township 22S M-12 Range 18E 3. VRM Class IV (VRI Class III) Section 4 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Irregular horizontal topography. Scattered clumps of shrubs and grasses. Prominent planar road. Horizontal and irregular shapes. Irregular shrubs and grasses. Horizontal road. Light to medium light to medium Light to medium green and brown shrubs Light to medium brown roadways. brown and grey rock and soil. and grasses. Smooth to medium landforms. Smooth, moderate and coarse. Smooth to medium. SECTION C. PROPOSED ACTIVITY DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Pyramidal steel lattice structures and guys, and tubular conductors. Vertical steel lattice structures, angular guys, and curvilinear conductors. Light silver to dark grey steel lattice structures, guys, and conductors. Coarse steel lattice structures, and smooth guys and conductors. SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource management objectives? ✓ Yes ✓ No LAND/WATER VEGETATION STRUCTURES BODY (Explain on reverse side) DEGREE OF CONTRAST Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Evaluator's Names

#### Rationale:

Line

Color Texture

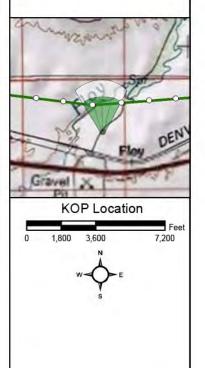
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

M. Paulson



Project Location



# TRANSWEST EXPRESS TRANSMISSION PROJECT

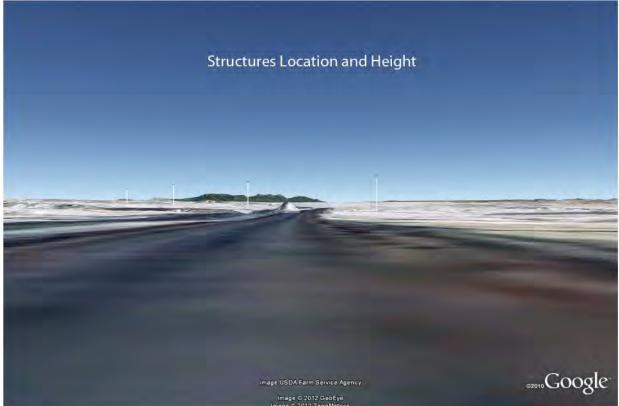
KOP M-12 Floy Wash Road (southbound) (Segment 220.1)



07/22/2011







# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Moab FO

Resource Area

Activity (program)

SECTION	A. PROJECT	INFORMATION
---------	------------	-------------

1. Project Name TransWest Express	4. Location 1-70 EB  Township 21S	5. Location Sketch
2. Key Observation Point M-13	Range 17E	Please see Figure 3.12-2
3. VRM Class IV (VRI Class III)	Section_33	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Irregular horizontal topography.	Scattered clumps of shrubs and grasses.	Prominent planar road lanes.		
	Horizontal and irregular shapes.	Irregular shrubs and grasses.	Horizontal roadways.		
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium green and brown shrubs and grasses.	Light to medium grey roadways.		
TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.		

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	ON D	. CO	NTE	RAST	ΓRA	TIN	G	Γ:	sно	RT :	TERM  □ LONG TERM	
		FEATURES												2 Dans project design most	rianal mananana
	DEGREE OF		LAND/WATER BODY (1)				Y VEGETATION					TURI	ES	2. Does project design meet visual resource management objectives?   ✓ Yes   ✓ N  (Explain on reverse side)	
CONTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating med  ☐ Yes ☐ No (Explain	
9	Form							11		х				Evaluator's Names	Date
ements	Line	1 1		21							х			M. Paulson	07/22/2011
en	Color	11 2 11							100		x		4 - 4		

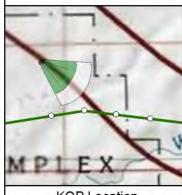
#### Rationale:

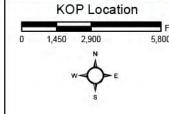
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





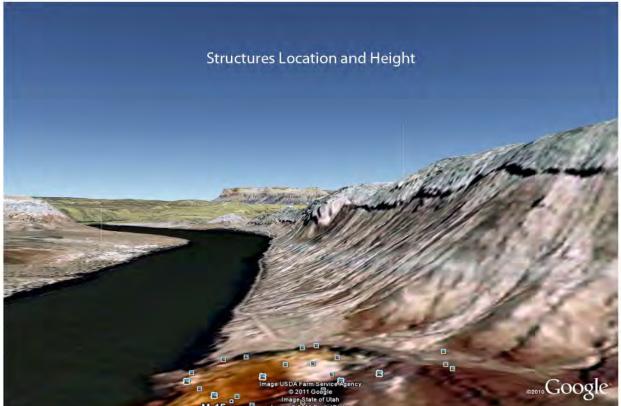
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-13 Interstate 70 (eastbound) (Segment 220.1)









1. Project Name

3. VRM Class III (VRI Class II)

M-15

TransWest Express

2. Key Observation Point

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Moab FO

Resource Area

Activity (program)

# SECTION A. PROJECT INFORMATION 4. Location Green Rv. Crystal Geyser Recr.Ar. Township 21S Range 16E SECTION A. PROJECT INFORMATION 5. Location Sketch Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	1. LAND/WATER 2. VEGETATION							
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar river surface and geyser area.	duction pit form in foreground. Scattered clumps of shrubs, grasses and							
LINE	Horizontal and irregular mesas, meandering edges of river valley floor.	Irregular edges of riparian trees, shrubs, grasses.	Curvilinear roadway.						
COLOR	Bluish grey water surface. Light to medium light to medium reddish brown and grey rock and soil.	Light to medium to dark olive green trees, shrubs, and grasses.	Light to medium tan to grey roadway.						
TURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.						

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
20702	T L	Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	ON D	. CO	NTF	RAST	ΓRA	TIN	G	Γ:	SHO	RT :	TERM VLONG TERM	2.5
						F	EAT	URE	S						
DEGREE OF		LA	VE	GET	ATIC	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)					
	CONTRAST		Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	on reverse side)
s	Form		-					1 -		Х	-			Evaluator's Names	Date
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Elem	Color										Х				
	Terture				1			-			Y				

#### Rationale:

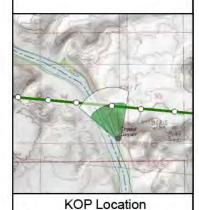
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

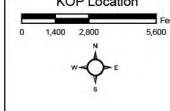
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-812

Project Location





# TRANSWEST EXPRESS TRANSMISSION PROJECT

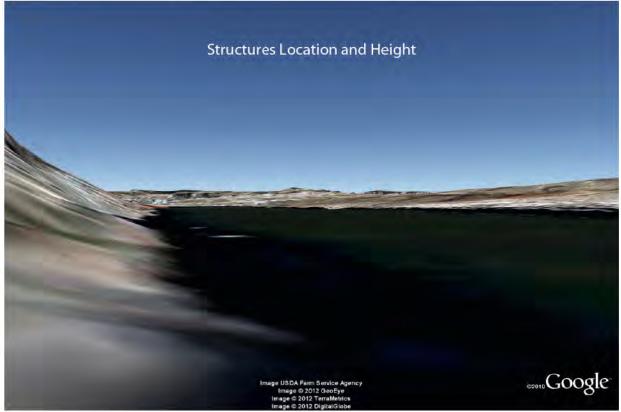
KOP M-15 Green River/Crystal Geyser Recreation Area (Segment 220.1)











#### Form 8400-4 (September 1985)

1. Project Name TransWest Express 2. Key Observation Point

3. VRM Class III (VRI Class II)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Price FO

Resource Area

Activity (program)

		TON	TION A. PROJECT INFORMAT	SECT
4. Location Green River Township 21S  Range 16E  5. Location Sketch Please see Figure 3.12-2	re 3.12-2	Sketch	Township 21S	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	SECTION B.	CHARACTERISTIC LANDSCAPE DES	CRIPTION
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar river surface and geyser area.	Amorphous riparian trees and shrubs. Scattered clumps of shrubs, grasses and forbs.	Planar H-frame 345-kV transmission line
LINE	Horizontal and irregular mesas, meandering edges of river valley floor.	Irregular edges of riparian trees, shrubs, grasses.	Horizontal and vertical 345-kV transmission line
COLOR	Bluish grey water surface. Light to medium light to medium reddish brown and grey rock and soil.	Light to medium to dark olive green trees, shrubs, and grasses.	Medium to dark brown 345-kV transmission line.
TEX. TURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
РОВМ		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

DEGREE OF						F	EAT	URE	S	2 D					
		LA	VEGETATION (2)				STRUCTURES (3)			s	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form							-			Х			Evaluator's Names	Date
ent	Line										Х			M. Paulson 07/28	07/28/2011
Elements	Color										Х				
_	Texture											Х			

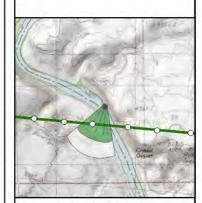
#### Rationale

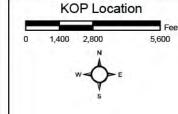
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





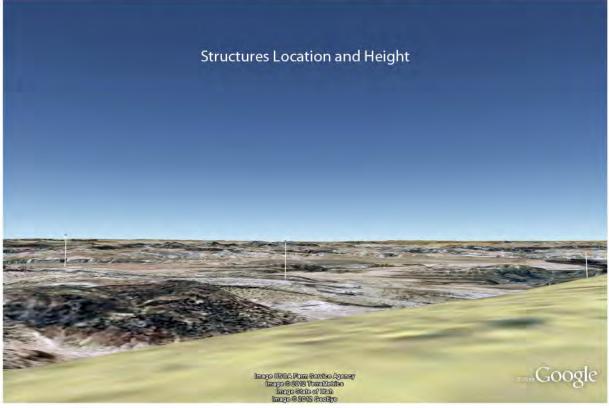
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-1 Green River (Segment 220.1)









1. Project Name TransWest Express

3. VRM Class IV(VRI Class III)

P-2

2. Key Observation Point

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011 District Price FO

Resource Area Activity (program)

SECTION A. PROJECT INFORMATION 4. Location Green River 5. Location Sketch Overlook Township 21S

Please see Figure 3.12-2

Section 33 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

Range 16E

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Irregular mesas and river. Planar valley floor.	Scattered clumps of shrubs. Organic surfaces of riparian in background.	Planar 345-kV poles and crossarms.		
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular and curvilinear riparian. Indistinct shrubs.	Vertical structures, arced conductors		
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light to medium olive green trees and shrubs.	Medium brown poles.		
TEX.	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth.		

	SECTION C. PROPOSED ACTIVITY DESC	CRIPTION
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
RE.		Coarse steel lattice structures, and smooth guvs and conductors.

		SEC	TIC	)N D	. CO	NTR	AST	r RA	TIN	G	1 3	SHO	RT	TERM LONG TERM	
FEATURES						2. Does project design meet visual resource									
	DEGREE OF	LAND/WATER BODY (1)				VE	GET	ATIO	N	STRUCTURES (3)				management objectives?  Yes  No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
100	Form										х			Evaluator's Names	Date
ent	Line										х			M. Paulson	07/22/2011
Elements	Color		111					= 1				X			
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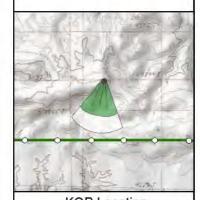
#### Rationale:

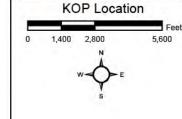
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



**Project Location** 



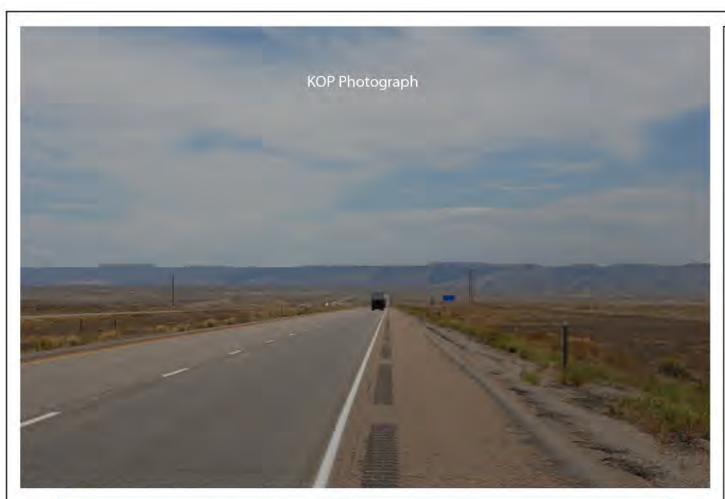


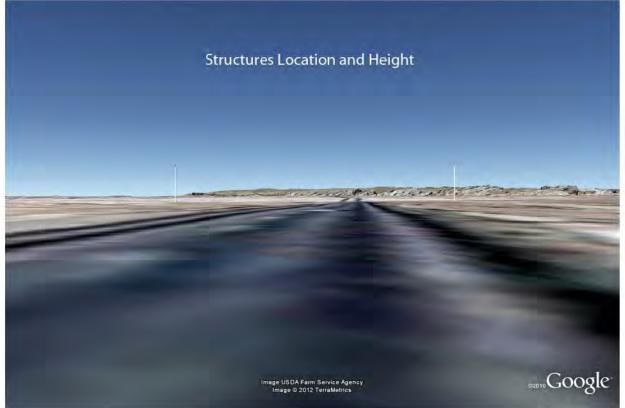
#### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-2 Green River Overlook (Segment 220.1)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Price FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	ATION
1. Project Name TransWest Express	4. Location 1-70 WB  Township 21S	5. Location Sketch
2. Key Observation Point P-3	Range_15E	Please see Figure 3.12-2
3. VRM Class III	Section_22	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal mesas and planar valley floor.	Scattered clumps of shrubs and grasses.	Prominent planar roadways. Planar 345-kV poles and crossarms.
LINE	Horizontal and irregular mesas, horizontal valley floor.	Irregular shrubs and grasses.	Horizontal roadways. Vertical structures, arced conductors.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium brown shrubs and grasses.	Light to medium grey roadways. Medium brown poles.
TEX-	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SEC	CTION C. PROPOSED ACTIVITY DESC	CRIPTION		
1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
<b>РОКМ</b>		Pyramidal steel lattice structures and guys, and tubular conductors.		
LINE		Vertical steel lattice structures, angula guys, and curvilinear conductors.		
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.		
TEX.		Coarse steel lattice structures, and smooth guys and conductors.		

						F	EAT	URE	S	A BOOK OF THE REAL PROPERTY.					
	DEGREE OF	LAND/WATER BODY (1)		BODY			VEGETATION (2)				STRUCTURES (3)			2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form			1				7.11			х	1		Evaluator's Names	Date
lent	Line	ri irri			j = j					++1	Х			M. Paulson 07/22	07/22/2011
Elements	Color			11				7		111	Х	1			
-	Texture											X			

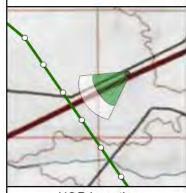
#### Rationale:

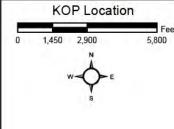
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





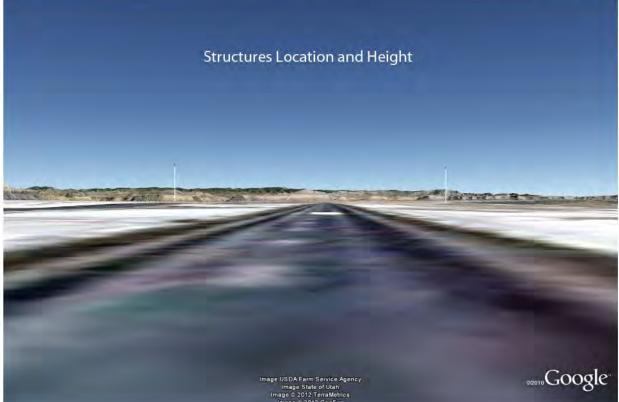
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-3 Interstate 70 (westbound) (Segment 220.1)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Price FO

Resource Area

Activity (program)

NW SD	SECTION A. PROJECT INFORM.	ATION
1. Project Name TransWest Express	4. Location 1-70 EB  Township 21S	5. Location Sketch
2. Key Observation Point P-4	Range 15E	Please see Figure 3.12-2
3. VRM Class III (VRI Class III)	Section_21	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal mesas and planar valley floor.	Scattered clumps of shrubs and grasses.	Prominent planar roadways.
TINE	Horizontal and irregular mesas, horizontal valley floor.	Irregular shrubs and grasses.	Horizontal roadways.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium brown shrubs and grasses.	Light to medium grey roadways
TURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TIME		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
AND THE STATE OF T		Coarse steel lattice structures, and smooth guys and conductors.

		SEC	CTIC	)N D	. CO	NTE	RAS	T RA	TIN	G	Γ:	вно	RT	TERM VLONG TERM		
		FEATURES												2 B		
	DEGREE OF	ONTRAST (1)			ER	VI	EGET	ATIC	ON	STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me  ☐ Yes ☐ No (Explain		
	Form										х	711		Evaluator's Names	Date	
ents	Line										X			M. Paulson	07/22/2011	
Zen	Color			111					1111		X	7 11				
Name of	The second second															

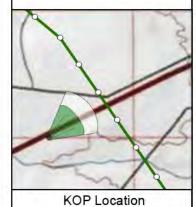
#### Rationale

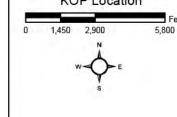
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





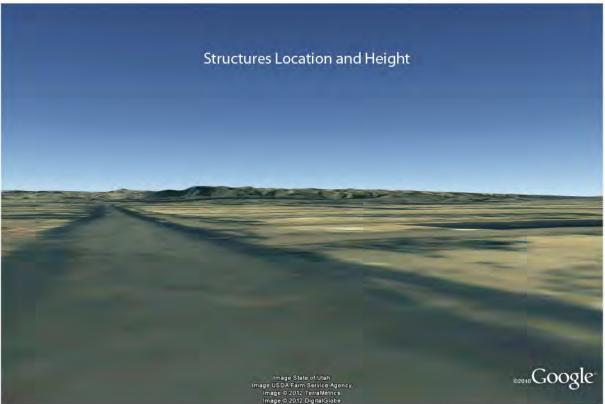
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-4 Interstate 70 (eastbound) (Segment 220.1)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011 District Price FO Resource Area

smooth guys and conductors.

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Green River	5. Location Sketch
2. Key Observation Point P-5	Park Township 21S	Please see Figure 3.12-2
3. VRM Class	Range_16E	
IV	Section 9	Later Area

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES					
FORM	Horizontal planar valley floor. Irregular mesas.	and grasses.						
LINE	Irregular skyline.	Curvilinear tree edges. Rectilinear edges of roadside grasses.	Vertical power poles. Horizontal and vertical structures.					
COLOR	Light to medium light to medium brown and grey soils.	Dark olive green trees. Light silver gray green shrubs. Tan to green grasses.	Multiple structures. Dark brown poles. Brown poles					
TEX-	Smooth to moderate landforms.	Coarse trees and field grasses.	Smooth to medium structures and poles.					

SECTION C. PROPOSED ACTIVITY DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Pyramidal steel lattice structures and guys, and tubular conductors. Vertical steel lattice structures, angular guys, and curvilinear conductors. Light silver to dark grey steel lattice structures, guys, and conductors. Coarse steel lattice structures, and TEX-

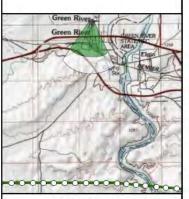
		1	70.7			F	EAT	URE	S					2 Description design most	donal manusca
DEGREE OF CONTRAST		LAND/WATER BODY (1)				VE	GET	77.77.7	N	STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	nsures recommended on reverse side)
s,	Form		-					1				х	_	Evaluator's Names	Date
ent	Line											X		M. Paulson	07/22/2011
Elemen	Color											X			
-	Texture														

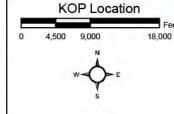
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



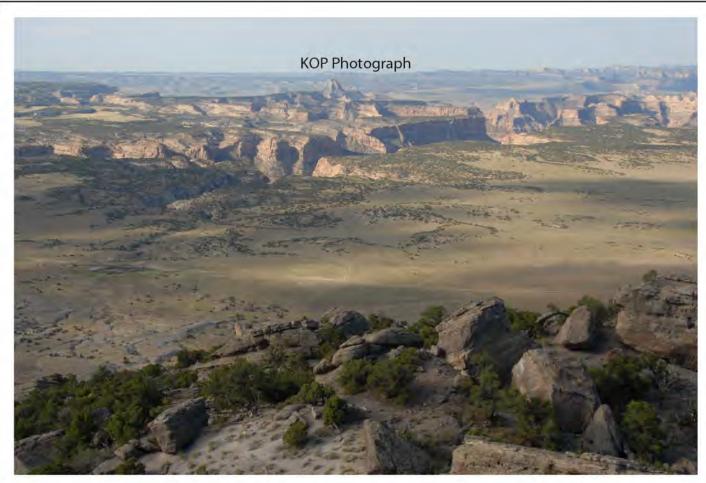


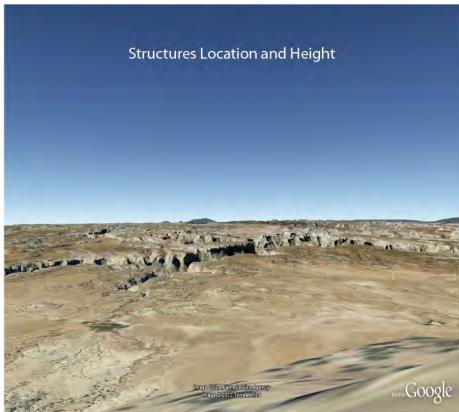
#### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-5 Green River Park (Segment 220.1)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Price FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	TION
1. Project Name TransWest Express	4. Location Cedar Mt.	5. Location Sketch
2. Key Observation Point P-7	Scenic Overlook Township_19S	Please see Figure 3.12-2
3. VRM Class IV (VRI Class IV)	Range 11E Section 13	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Complex and irregular canyons. Planar valley floor. Irregular geology in foreground.	Organic clumps and surfaces of pinon- juniper, shrubs and grasses.	Cylindrical 345-kV poles.		
LINE	Horizontal and irregular, wide flat valley floor. Curvilinear canyons.	Irregular edges of riparian, shrubs and grasses.	Vertical and horizontal.		
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green riparian and shrubs. Light tan to green grasses	Medium brown poles.		
TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.		

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.		
LUNE		Vertical steel lattice structures, angular guys, and curvilinear conductors.		
80100		Light silver to dark grey steel lattice structures, guys, and conductors.		
TURE		Coarse steel lattice structures, and smooth guys and conductors.		

SECTION D. CONTRAST RATING 
☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? 🔽 Yes 🗀 No STRUCTURES BODY VEGETATION (Explain on reverse side) DEGREE OF CONTRAST Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Evaluator's Names Form 07/22/2011 M. Paulson Line Color

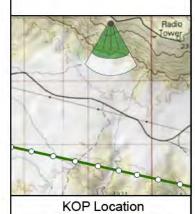
#### Rationale:

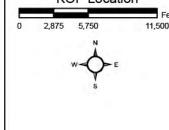
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





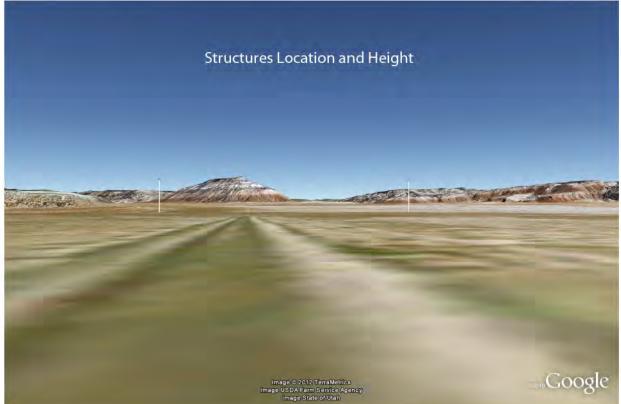
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-7 Cedar Mountain Scenic Overlook (Segment 225.2)









1. Project Name TransWest Express 2. Key Observation Point

3. VRM Class III (VRI Class III)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Price FO

Resource Area

Activity (program)

SEC	TION A. PROJECT INFORMAT	TION
	4. Location Wedge	5. Location Sketch
	Overlook Scenic Bkway Township 19S	Please see Figure 3.12-2
	Rango 10F	1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Prominent mesas. Planar valley floor.	Organic clumps and surfaces of shrubs and grasses.	Planar roadway. Cubed structures.		
LINE	Horizontal and irregular mesas, wide flat valley floor.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear roadway. Horizontal and vertical structures.		
COLOR	Light to medium light to medium brown rock and soil.	Light to medium olive green shrubs. Light tan to green grasses	Light to medium brown roadway. White structures.		
TEX-	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.		

1 T 13 T 13 T 1 T 1 T 1 T 1 T 1 T 1 T 1	A TECTE LETON	A CERTIFICATION			
1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
СОГОК		Light silver to dark grey steel lattice structures, guys, and conductors.			
URE		Coarse steel lattice structures, and smooth guys and conductors.			

		FEATURES												2. Does project design meet visual resource		
DEGREE OF CONTRAST		(1)			R	VE	GET	ATIO	ON	STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)		
		Strong	Moderate	Laie Laie				Weak	None	3. Additional mitigating measures recommended  Ves No (Explain on reverse side)						
on.	Form			x x x		Evaluator's Names Date										
nemt	Line			х			-	х	-		X	-		M. Paulson	07/25/2011	
Elements	Color			х				х		х						
	Texture			х	TI			х		х						

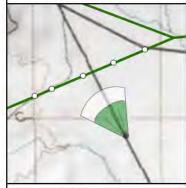
#### Rationale:

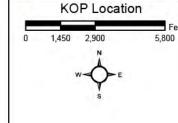
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-9 Wedge Overlook Scenic Backway (Segment 225.2)









#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 07/25/2011 District Price FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 5. Location Sketch 1. Project Name 4. Location Buckhorn TransWest Express **Drive Backway** 2. Key Observation Point Please see Figure 3.12-2 Township 18S P-10 3. VRM Class Range 8E Ш Section 36 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Horizontal and irregular planar ridges. Organic clumps and surfaces of shrubs Cylindrical poles. and grasses. Rounded riparian. inonjuniper in the midground. Horizontal and irregular mesa skyline, Irregular edges of riparian, shrubs and Vertical. angular side slopes and wide flat valley floor. Light to medium light to medium Light to medium to dark olive green Dark brown poles. riparian and shrubs. Light tan to green brown rock and soil. grasses... Smooth to coarse landforms. Smooth, moderate and coarse. Smooth to medium.

1204.0		TION C. PROPOS					
1. LA	ND/WATER	2	. VEGETATION	3. STRUCTURES			
FORM				Pyramidal steel lattice structures and guys, and tubular conductors.			
CINE				Vertical steel lattice structures, angula guys, and curvilinear conductors.			
COLOR				Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE.				Coarse steel lattice structures, and smooth guys and conductors.			
	SECTION D. CO	ONTRAST RATIN	G SHORT	TERM V LONG TERM			
		FEATURES		2. Does project design meet visual resource			
DEGREE OF CONTRAST	LAND/WATER BODY (1)	VEGETATION (2)	STRUCTURES (3)	management objectives?  Yes  No (Explain on reverse side)			

#### Rationale:

Form

Line Color Texture

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

Additional mitigating measures recommended

Yes No (Explain on reverse side)

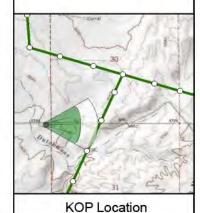
07/25/2011

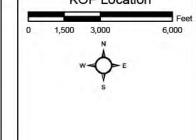
M. Paulson

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



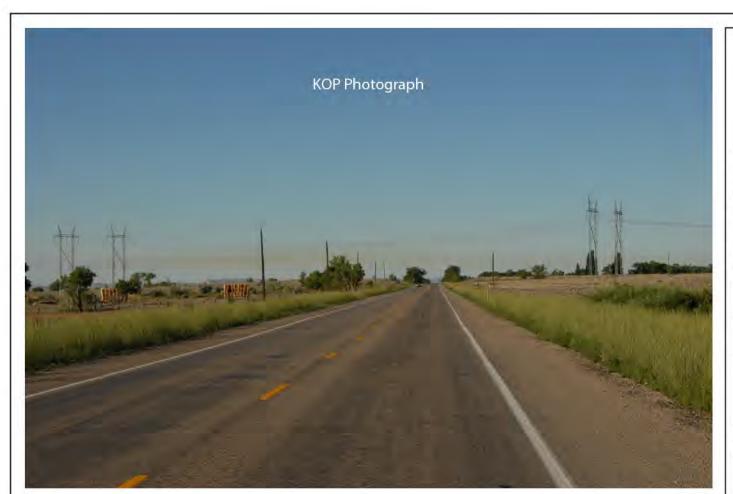


# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-10 Buckhorn Drive Backway (Segment 330.1)











vertical structures.

poles. Brown structures.

Medium grey structures. Dark brown

Smooth to medium structures and poles.

of roadside grasses.

Light to medium light to medium

brown soil.

TEX.

Smooth landforms.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
TUNE		Vertical steel lattice structures, angula guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
H 1		Coarse steel lattice structures, and smooth guys and conductors.

Dark olive green trees. Light silver gray

green shrubs. Golden tan to green

Coarse trees and field grasses.

		FEATURES												2. Does project design meet visual resource	
DEGREE OF CONTRAST		LAND/WATER BODY (1)			VEGETATION (2)			STRUCTURES (3)			ES	management objectives? ▼ Yes □ No (Explain on reverse side)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea	
s,	Form				2.01						х			Evaluator's Names	Date
ents	Line	413		1	- 1			1			Х			M. Paulson	07/22/2011
	Color									100	Х				
2	Texture											х			

#### Rationale:

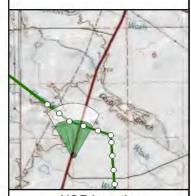
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

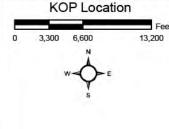
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-822

Project Location





### TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-12 Utah State Hwy 10 (northbound) (Segment 270)









#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 07/24/2011 District Price FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location Sketch 4. Location Huntington TransWest Express State Park 2. Key Observation Point Please see Figure 3.12-2 Township 17S 3. VRM Class Range 9E

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain mesas. Inclined planar side slopes. Rolling valley floor.	Organic clumps and surfaces of pinon- juniper forest.	Cubed residential structures beyond the reservoir.
LINE	Angular mountain skyline, banded eroded side slopes.	Irregular edges of forest cover and foreground trees and shrubs.	Horizontal and vertical edges of structures.
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green forest.	Light to medium browns and white of structures.
TEX-	Smooth landforms, coarse geology.	Medium pinon-juniper forest.	Smooth structures.

Section 17

1. LAND/WATER	2. VEGETATION	ON 3. STRUCTURES			
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.			
ring		Vertical steel lattice structures, angular guys, and curvilinear conductors.			
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.			
TURE		Coarse steel lattice structures, and smooth guys and conductors.			

						F	EAT	URE	S	2 P								
	DEGREE OF	LAND/WATER BODY (1)				VE	GET.		N	(3)			STRUCTURE			ES	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommer  ☐ Yes ☐ No (Explain on reverse side)				
s,	Form										х			Evaluator's Names Date				
Ē	Line										X			M. Paulson	07/22/2011			
Elements	Color										X			7. 30 17				
m	Texture											х						

#### Rationale:

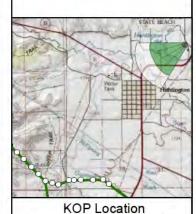
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Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



4,700 9,400



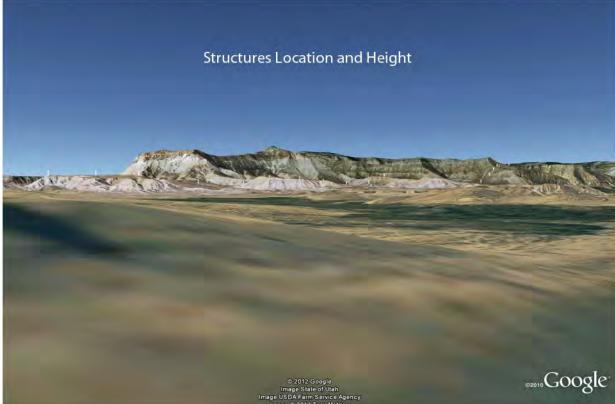
KOP P-13 Huntington State Park (Segments 270, 310)





18,800





# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/23/2011

District Price FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location_Utah SH 31 - Huntington	5. Location Sketch
2. Key Observation Point P-14	Township 17S	Please see Figure 3.12-2
3. VRM Class III	Range_8E Section 13	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain mesas. Inclined planar side slopes. Rolling valley floor.	Organic clumps and surfaces of pinon- juniper forest.	NA
LINE	Angular mountain skyline, banded eroded side slopes.	Irregular edges of forest cover and foreground trees and shrubs.	NA
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green forest.	NA
TEX-	Smooth landforms, coarse geology.	Medium pinon-juniper forest.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES
	Pyramidal steel lattice structures and guys, and tubular conductors.
	Vertical steel lattice structures, angular guys, and curvilinear conductors.
	Light silver to dark grey steel lattice structures, guys, and conductors.
	Coarse steel lattice structures, and smooth guys and conductors.
	2. VEGETATION

		FEATURES			2. Does presient design most visual recourse										
	DEGREE OF	LA	LAND/WATER BODY (1)			VE	VEGETATION (2)				RUC	TURI	ES	2. Does project design meet visual resource management objectives? ▼ Yes □ No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me  Yes No (Explain	
<b>S</b>	Form										Х			Evaluator's Names	Date
ents	Line										X			M. Paulson 07/22/20	07/22/2011
Flem	Color										х	Š			
-	The Color of the C							1							

#### Rationale:

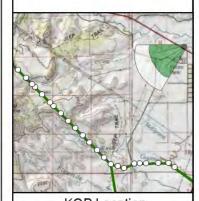
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

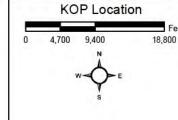
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-824

Project Location





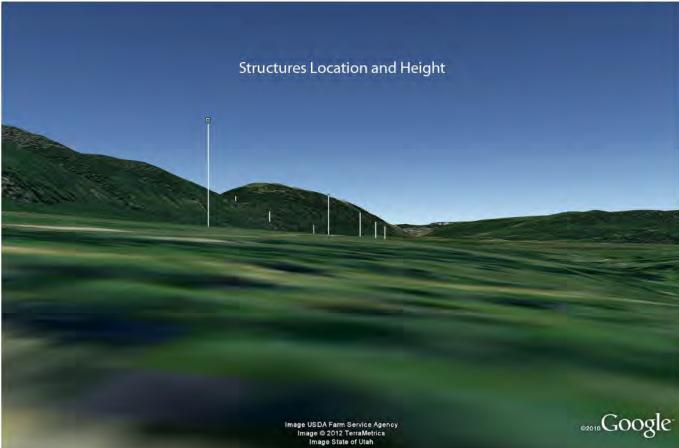
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-14 Utah State Hwy 31 Huntington (Segments 270, 310)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011

District Price FO - Manti-LaSal NF

Resource Area

Activity (program)

SECTION A	. PROJECT	INFORM	ATION

	SECTION A. I ROSECT IN ORMA	11011
1. Project Name TransWest Express	4. Location Indian Cr.  Campground	5. Location Sketch
2. Key Observation Point P-16	Township 16S	Please see Figure 3.12-2
3. VRM Class USES VOO Partial Retention	Range 6E	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges – v-shaped narrow valley. Inclined planar side slopes.	Organic clumps and surfaces of aspen and spruce forest.	Strongly cylindrical wood poles and planar conductors.
LINE	Angular mountain skyline, angular side slopes and inclined valley floor.	Toothed skyline edges of forest.	Vertical and horizontal wood pole and crossarm elements and arced conductors.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green forest. Light bluish-silvery sagebrush. Purplish blue lupine.	Medium to dark brown poles and light silver-grey conductors.
TEX-	Smooth landforms.	Coarse deciduous and coniferous forest.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ROW clearing.	Pyramidal steel lattice structures and guys, and tubular conductors.
rine	Horizontal ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
80700	Light greens and tans ROW clearing.	Light silver to dark grey steel lattice structures, guys, and conductors.
TURE	Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

FEATURES

LAND/WATER
BODY
(1)
(2)
(3)

STRUCTURES
(Explain on reverse side)

3. Additional mitigating measures recommended Yes No (Explain on reverse side)

		Strong	Modera	Weak	None	Strong	Modera	Weak	None	Strong	Modera	Weak	None	Yes No (Explain	n on reverse side)
t s	Form	= 4	TI		11	F	х				х			Evaluator's Names	Date
le ii	Line							х	7.77	1111		X		M. Paulson	07/22/2011
Elen	Color						х	$\Gamma_{ij}$		J.L.		X			
-	Texture						1	X							

#### lationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location

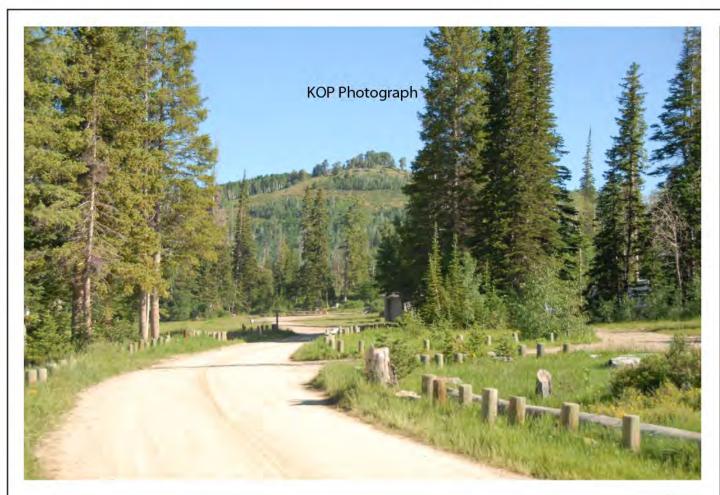


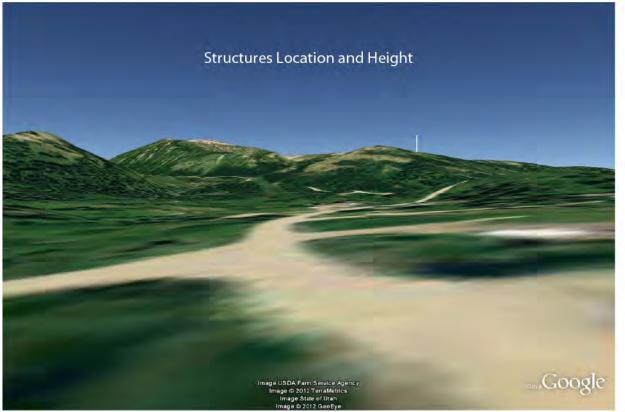
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-16 Indian Creek Campground (Segment 310)









#### Form 8400-4 (September 1985)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011

District Manti-LaSal NF

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMATION	ON
1. Project Name TransWest Express	4. Location_Potters	5. Location Sketch
2. Key Observation Point P-17	Ponds Campground  Township 16S	Please see Figure 3.12-2
3. VRM Class USFS VQO Modification	Range_6E Section_8	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Angular mountain ridges. Inclined planar side slopes.	Organic clumps and surfaces of aspen, spruce and fir forest.	Cubed and cylindrical campground structures. Planar roadways.				
LINE	Angular mountain skyline, angular side slopes and inclined valley floor.	Toothed skyline edges of forest.	Vertical and horizontal campground structures and roadways.				
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green forest. Light green and yellow cinquefoil.	Light tans to medium brown structures and roadways.				
TURE	Smooth landforms.	Coarse deciduous and coniferous forest.	Smooth.				

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ROW clearing.	Pyramidal steel lattice structures and guys, and tubular conductors.
FUN	Horizontal ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR	Light greens and tans ROW clearing.	Light silver to dark grey steel lattice structures, guys, and conductors.
TURE	Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

		7111				F	EAT	URE	S	2. Does project design meet	ricual recourse					
DEGREE OF CONTRAST		LA	во	VATI DY	ER	VI	GET		N	STRUCTURES (3)				management objectives? ▼ Yes □ No (Explain on reverse side)		
		Strong Moderate Weak		Moderate Weak None	Moderate Weak None	Weak	Weak	Weak	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
90	Form						х				х			Evaluator's Names M. Paulson	Date	
Elements	Line							х			х				07/22/2011	
Clen	Color		1			- 1		х				X				
-	Texture							х				x				

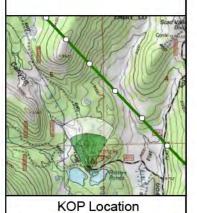
#### Rationale:

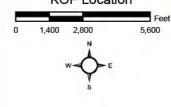
The Project would be consistent with VQO Modification management objectives. This management objective allows for moderate alternations to the landscape. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



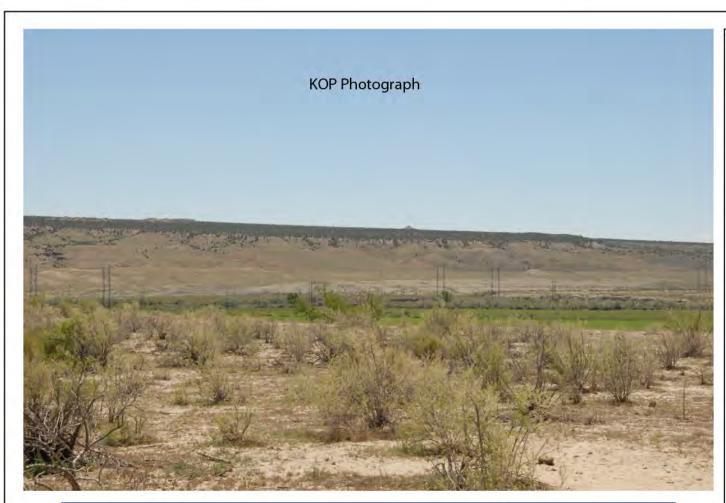


# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-17 Campground (Segment 310)









1. Project Name

3. VRM Class

TransWest Express

2. Key Observation Point

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011

District Price FO

Resource Area

Activity (program)

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

Range 8E

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES						
FORM	Irregular planar ridge. Conical in background.								
LINE	Horizontal mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses.	Vertical and horizontal.						
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green pinon- juniper and shrubs. Light bluish-silvery sagebrush. Light tan to green grasses	Light to medium grey.						
TEX-	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.						

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER

2. VEGETATION

3. STRUCTURES

Pyramidal steel lattice structures and guys, and tubular conductors.

Vertical steel lattice structures, angular guys, and curvilinear conductors.

Light silver to dark grey steel lattice structures, guys, and conductors.

Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S				_ [	2 D		
DEGREE OF CONTRAST		LA	BO (1	==	ER	VE	GET	ATIO	N	STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)		
		Strong		Weak	Weak	Weak	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	Weak
s,	Form										х			Evaluator's Names	Date	
in in	Line					_ 4			1 1	[1]	х			M. Paulson	07/22/2011	
Elements	Color		-						1 -		х					
	Texture	1100									1.7	х				

#### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

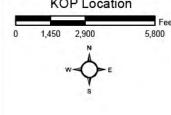
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-827

Project Location





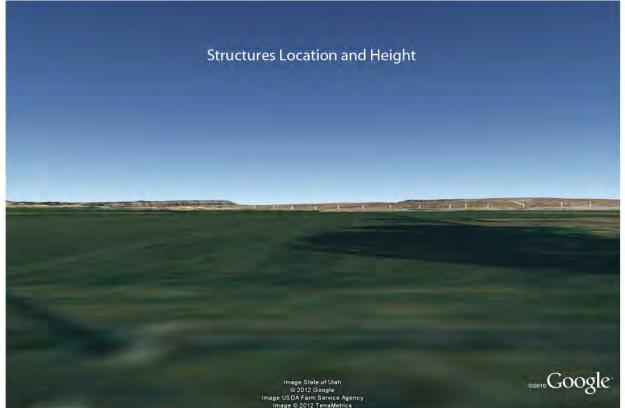
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-18 Old Spanish Trail Molen Road (Segment 310)









#### Form 8400-4 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 07/24/2011 District Price FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 4. Location Utah SH 10- 5. Location Sketch 1. Project Name TransWest Express Residential 2. Key Observation Point Please see Figure 3.12-2 Township 20S P-19 3. VRM Class Range 7E Section 15 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Horizontal planar ridges. Organic clumps of residential trees, shrubs | Cylindrical poles. Cubed residential and grasses. structures. Horizontal skyline. Curvilinear tree edges. Rectilinear field Vertical power poles. Horizontal and

vertical structures.

Dark brown poles. Brown structures.

Smooth to medium structures and poles.

	SECTION C. PROPOSED ACTIVITY DESC						
1. LAND/WATER	2. VEGETATION	3. STRUCTURES					
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.					
TINE		Vertical steel lattice structures, angula guys, and curvilinear conductors.					
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.					
TURE		Coarse steel lattice structures, and smooth guys and conductors.					

Dark olive green trees. Light silver gray

green shrubs. Golden tan to green

grasses. Strong green mown areas.

Coarse trees and field grasses.

		SEC	CTIC	ON D	. CO	NTF	RAST	ΓRA	TIN	G	1 :	вно	RT	TERM V LONG TERM	
						F	EAT	URE	S	2 D	at Local acceptance and participations.				
	DEGREE OF (1)		R	VE	GET	ATIC	N	STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)			
CONTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measu  ☐ Yes ☐ No (Explain on	
s	Form								1-	-		х		Evaluator's Names	Date
Elements	Line											X		M. Paulson	07/22/2011
Slem	Color								=			х			
-	Texture												x		

#### Rationale:

Light to medium light to medium

brown soil.

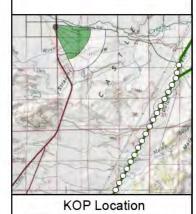
Smooth landforms.

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



6,000 12,000

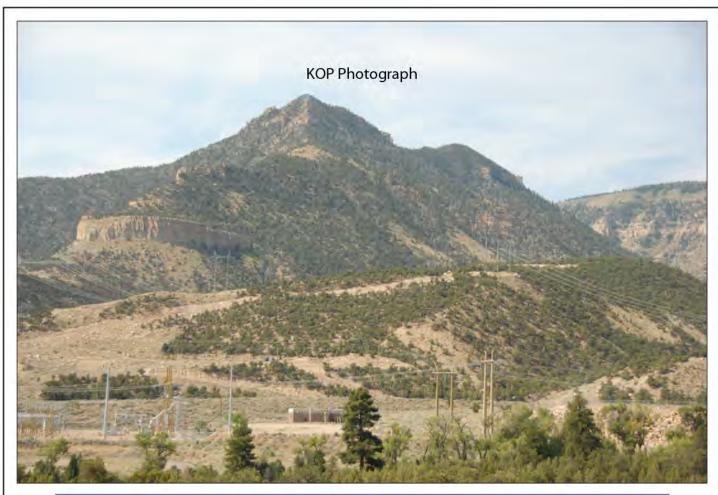


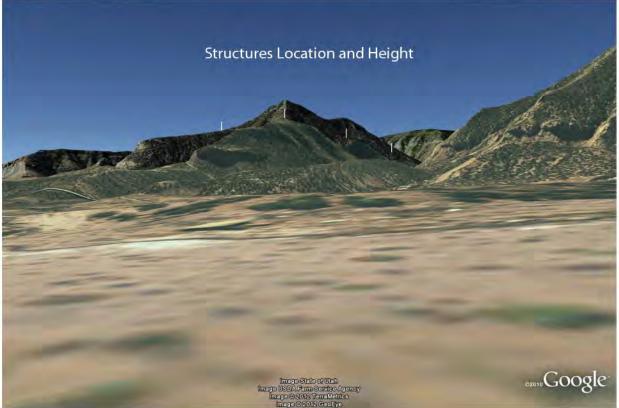
KOP P-19 Utah State Hwy 10 Residential (Segment 330.1)





24,000





# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### VISUAL CONTRAST RATING WORKSHEET

Date 07/23/2011	
District Price FO	
Resource Area	

#### SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH 31</u> Township 16S	5. Location Sketch
2. Key Observation Point P-32	Range_7E	Please see Figure 3.12-2
3. VRM Class USFS VQO Partial Retention	Section_36	

#### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES  Strongly cylindrical wood poles and planar conductors. Planar steel lattice.			
FORM	Angular mountain ridges – strongly v- shaped narrow valley. Inclined planar side slopes.	Organic clumps and surfaces of coniferous forest.				
LINE	Angular mountain skyline, angular side slopes and inclined valley floor. Horizontal toe-of-slope bench.	Toothed skyline edges of forest.	Vertical and horizontal wood pole and crossarm elements and arced conductors. Vertical steel lattice.			
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green forest.	Medium to dark brown poles and light silver-grey conductors Gray steel lattice			
TEX-	Smooth landforms, coarse geology.	Coarse coniferous forest.	NA			

#### SECTION C. PROPOSED ACTIVITY DESCRIPTION

Planar ROW clearing in conifers.	Pyramidal steel lattice structures and		
	Pyramidal steel lattice structures and guys, and tubular conductors.		
Linear edges of ROW clearing in conifers.	Vertical steel lattice structures, angular guys, and curvilinear conductors.		
Light to medium tan grasses in ROW clearing in conifers.	Light silver to dark grey steel lattice structures, guys, and conductors.		
Smooth to medium ROW clearing.			
	Light to medium tan grasses in ROW clearing in conifers.		

		100	FEATURES											2. Does project design meet visual resource		
DEGREE OF		LA	VEGETATION (2)				STRUCTURES (3)			ES	management objectives?  Yes No (Explain on reverse side)					
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me  ✓ Yes No (Explain		
90	Form					х					Х			Evaluator's Names	Date	
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lem I	Color		Ţ				x			7	х					
-																

#### Rationale

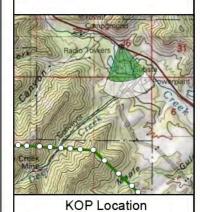
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations

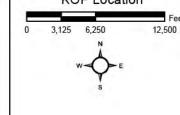
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-829

Project Location





# TRANSWEST EXPRESS TRANSMISSION PROJECT

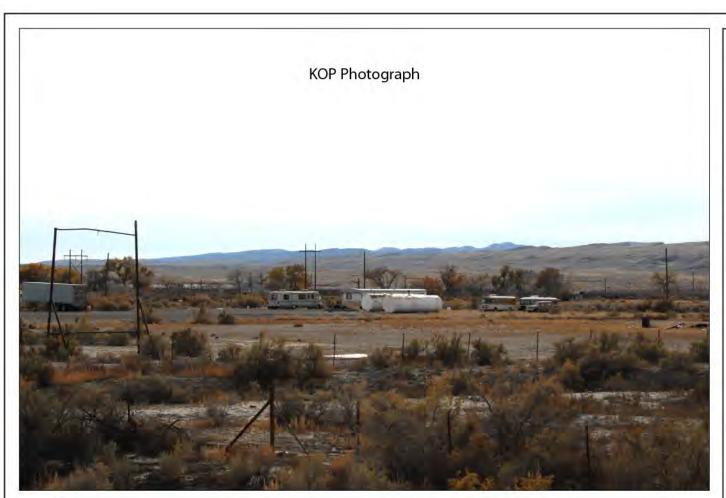
KOP P-32 Utah State Hwy 31 (Segment 310)

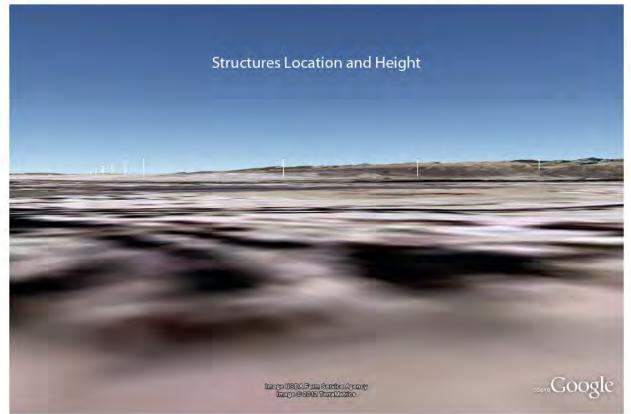






**Project Location** 





#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/11/2011	
District Price FO	
Resource Area	

Activity (program)

-11-11-1	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location_U.S. 6 – Woodside (southbound)	5. Location Sketch
2. Key Observation Point P-33	Township_18S	Please see Figure 3.12-2
3. VRM Class NA	Range 14E	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	Angular mountains backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of cottonwoods, grasses and forbs.	Cylindrical tanks and wood poles and rectangular-cubed motor homes.			
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of cottonwoods, grasses and forbs.	Horizontal and vertical vehicles, poles, lift structure and fence posts.			
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to orangish brown cottonwoods, grasses and forbs	White tanks, multiple colors of motor homes and dark brown poles.			
TEX-	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.			

1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.		
rung		Vertical steel lattice structures, angular guys, and curvilinear conductors.		
СОГОВ		Light silver to dark grey steel lattice structures, guys, and conductors.		
TURE		Coarse steel lattice structures, and smooth guys and conductors.		

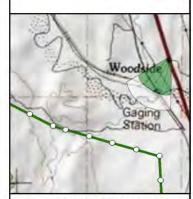
		FEATURES											. B		
	DEGREE OF	LA	VEGETATION (2)				STRUCTURES (3)			ES	2. Does project design meet visual resource management objectives?  Yes No (Explain on reverse side)				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form		х					х		х				Evaluator's Names	Date
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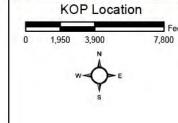
Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





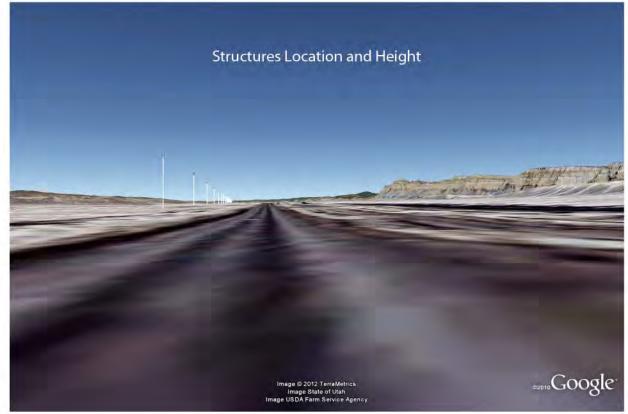
# TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-33 U.S. 6 - Woodside (southbound) (Segment 222.05)









## Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 11/11/2011 District Price FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name TransWest Express 4. Location U.S. 6 (northbound) 2. Key Observation Point Please see Figure 3.12-2 Township 20S P-34 3. VRM Class IV (VRI Class III) Range 14E Section 35 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of grasses and forbs.	Planar roadway.
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of grasses and forbs.	Linear roadway and markers and curving fence rows.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to brown grasses and forbs	Light to medium grey roadway.
TEX-	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
rue		Vertical steel lattice structures, angular guys, and curvilinear conductors.
00100		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

		FEATURES												2 Description design	
DEGREE OF CONTRAST		LAND/WATER BODY (1)			VEGETATION (2)			STRUCTURES (3)			S	2. Does project design meet visual resource management objectives? ✓ Yes ✓ No (Explain on reverse side)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating me Yes No (Explain	
so.	Form									х				Evaluator's Names	Date
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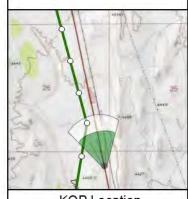
### Rationale:

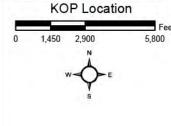
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





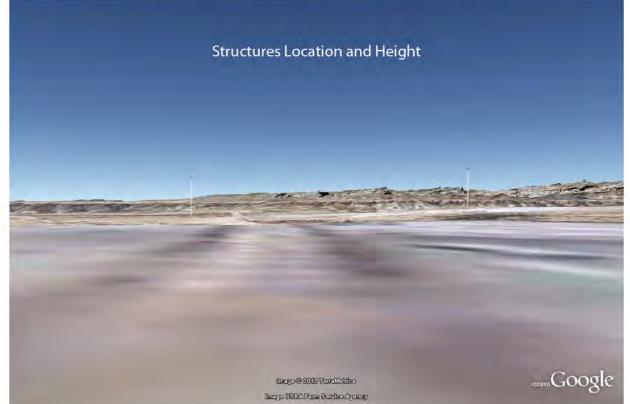
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-34 U.S. 6 (northbound) (Segment 220.1)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 11/11/2011

District Price FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TON
1. Project Name TransWest Express	4. Location Smith Camp	5. Location Sketch
2. Key Observation Point P-35	Road Township 21S	Please see Figure 3.12-2
3. VRM Class IV (VRI Class III)	Range 14E Section 1	

	SECTION B.	CHARACTERISTIC LANDSCAPE DES	CRIPTION
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain escarpment backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of grasses and forbs.	Planar roadway and 345-kV H-frame.
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of grasses and forbs.	Angular roadway, and vertical and horizontal 345-kV H-frame.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to brownish grey grasses and forbs	Medium brown roadway and dark brown 345-kV H-frame.
- H	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
ENE CINE		Vertical steel lattice structures, angula guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
THE		Coarse steel lattice structures, and smooth guys and conductors.

	1				F	EAT	URE	S					2 Dans must set dealers must		
DEGREE OF		(1)				VEGETATION (2)				STRUCTURES (3)				2. Does project design meet visual resource management objectives? ▼ Yes  No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain	
s	Form										х			Evaluator's Names	Date
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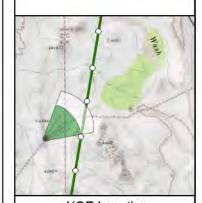
### Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location

1,375 2,750 5,500

W

E

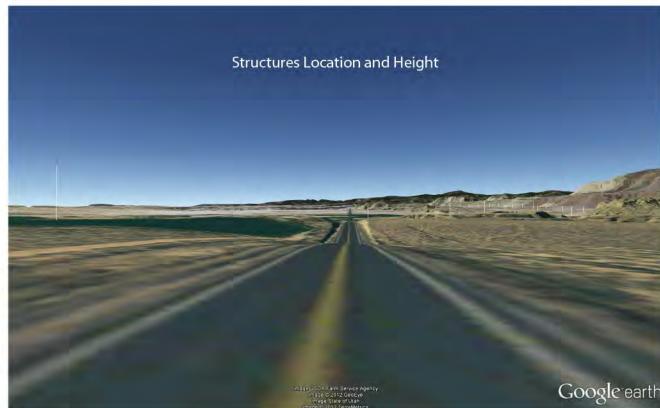
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-35 Smith Camp Road (Segment 220.1)









### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

	SECTION A. I ROSECT INTORMA	HON
1. Project Name TransWest Express	4. Location Utah SH 10 SB	5. Location Sketch
2. Key Observation Point P-36	Township 22S	Please see Figure 3.12-2
3. VRM Class	Range 6E	
Private	Section 20	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	ces and walls and eroded Blanket of pinon-juniper on the skyline.					
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinon- juniper in background.	Straight and horizontal and vertical 345- kV structures				
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses	Light to medium grey roadway and 345- kV structures.				
TEX-	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.				

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
0.000		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

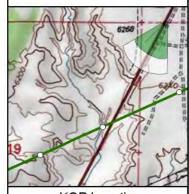
SECTION D. CONTRAST RATING 
☐ SHORT TERM 
☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? Yes No VEGETATION STRUCTURES BODY (Explain on reverse side) DEGREE OF CONTRAST Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side) Evaluator's Names Form 08/04/2012 M. Paulson Line Color

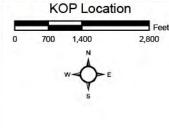
Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-36 Utah SH 10 (southbound) (Segment 330.1)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Price FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION	_
1. Project Name TransWest Express	4. Location Utah SH 10	5. Location Sketch	
2. Key Observation Point P-37	NB Township_22S	Please see Figure 3.12-2	
3. VRM Class	Range 6E		
Private	Section 30		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Irregular planar ridge. Vertical planar Organic clumps and surfaces of shrubs. Strongly planar paved roadway and twin slope faces and walls and eroded Blanket of pinon-juniper on the skyline. 345-kV steel lattice structures. rocky side slopes. Straight and horizontal and vertical 345-Angular mesa skyline, angular side Irregular and curvilinear edges of shrubs slopes and wide flat valley floor. and grasses. Curved edges of pinonkV structures juniper in background. Light to medium light to medium Light to medium to dark olive green Light to medium grey roadway and 345brown rock and soil. shrubs. Light bluish-silvery sagebrush. kV structures. Light tan to green grasses.. Smooth to coarse landforms. Smooth to medium. Smooth, moderate and coarse.

SE	CTION C. PROPOSED ACTIVITY DESC	CRIPTION
1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angula guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX		Coarse steel lattice structures, and smooth guys and conductors.

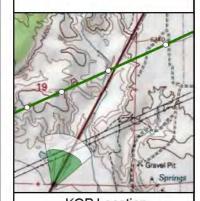
		FEATURES												2. Does project design meet visual resource		
DEGREE OF CONTRAST		LA	VEGETATION (2)			STRUCTURES (3)				management objectives?  Yes No (Explain on reverse side)						
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea:  ☐ Yes ☐ No (Explain		
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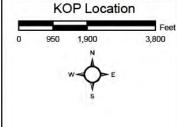
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-37 Utah SH 10 (northbound) (Segment 330.1)











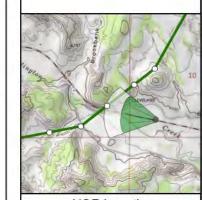
### Rationale:

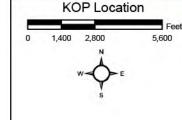
Texture

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





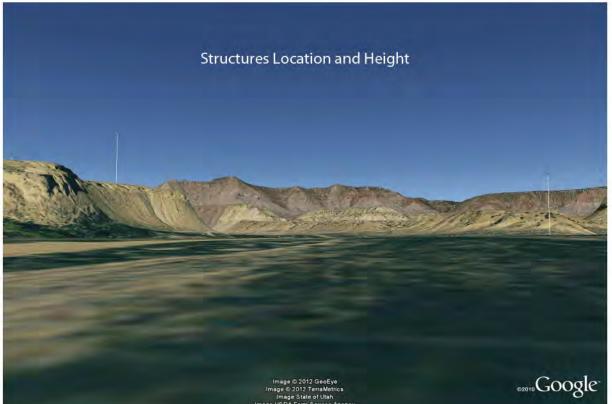
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-40 Utah SH 31/Huntington (westbound) (Segment 222.3)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012
District Price FO
Resource Area

Activity (program)

	SECTION A. PROJECT INFORMA	TION
1. Project Name TransWest Express	4. Location_Quitchupa  Rd. WB- Residential	5. Location Sketch
2. Key Observation Point P-41	Township 22S	Please see Figure 3.12-2
3. VRM Class Private	Range 6E Section 30	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	Organic clumps and surfaces of trees and shrubs. Blanket of pinon-juniper	Strongly planar twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of trees, shrubs and grasses. Curved edges of pinon-juniper in background.	Straight and horizontal and vertical 345 kV structures
COLOR	Light to medium light to medium brown rock and soil.	Strongly yellow sunflower field. Light to medium to dark olive green trees, and shrubs.	Light to medium grey roadway and 345- kV structures.
TEX. TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
INE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

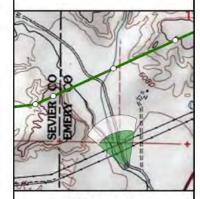
						F	EAT	URE	S						
DEGREE OF CONTRAST		LA	VEGETATION (2)			STRUCTURES (3)				2. Does project design meet visual resource management objectives? Yes No (Explain on reverse side)					
		Strong Moderate Weak None				Strong	Strong Moderate Weak None		Strong		Moderate Weak	None	3. Additional mitigating measures recommended  Ves No (Explain on reverse side)		
s	Form									х				Evaluator's Names	Date
Element	Line									х				M. Paulson	08/04/2012
	Color										х				
-	Texture											х			

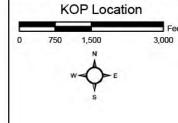
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





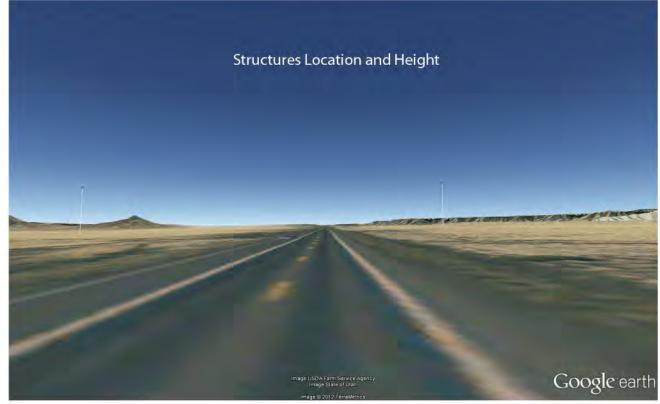
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-41 Quitchupa Rd. (westbound) Residential (Segment 330.1)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/03/2012 District Price FO Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Utah SH 10	5. Location Sketch
2. Key Observation Point P-42	SB Township 16S	Please see Figure 3.12-2
3. VRM Class Class IV	Range 9E	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded side slopes.	Scattered grasses.	Strongly planar paved roadway
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Indistinct	Straight and horizontal
COLOR	Light to medium light to medium brown rock and soil.	Light to medium tan grasses	Light to medium grey roadway
TEX-	Smooth to coarse landforms.	Smooth to moderate	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.
0000		Light silver to dark grey steel lattice structures, guys, and conductors.
TURE		Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM FEATURES 2. Does project design meet visual resource LAND/WATER management objectives? ▼ Yes □ No VEGETATION STRUCTURES (Explain on reverse side) DEGREE OF CONTRAST 3. Additional mitigating measures recommended 
☐ Yes ☐ No (Explain on reverse side) Form **Evaluator's Names** 08/03/2012 Line M. Paulson

Color Texture

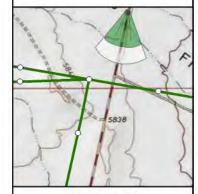
## Rationale:

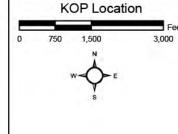
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





### TRANSWEST EXPRESS TRANSMISSION PROJECT

**KOP P-42** Utah SH 10 (southbound) (Segment 222.05)









#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/03/2012

District Price FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	TION
1. Project Name TransWest Express	4. Location Watis Road	5. Location Sketch
2. Key Observation Point P-43	EB Township 15S	Please see Figure 3.12-2
3. VRM Class	Range 8E	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strongly planar ridge. Angular planar slope faces and eroded rocky side slopes.	Organic clumps and surfaces of shrubs. Blanket of pinon-juniper.	Strongly planar paved roadway, pump jack, and twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinon- juniper in background.	Straight, horizontal, and inclined pump jack, and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses	Light to medium grey roadway, dark pump jack, and 345-kV structures.
TEX- TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.
LAR		Vertical steel lattice structures, angular guys, and curvilinear conductors.
80700		Light silver to dark grey steel lattice structures, guys, and conductors.
TEX		Coarse steel lattice structures, and smooth guys and conductors.

						F	EAT	URE	S		24.004.001.00.001					
	DEGREE OF	(1)				VE	GET.	77.77	)N	STRUCTURES (3)				<ol> <li>Does project design meet visual resource management objectives?</li></ol>		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recomm  — Yes — No (Explain on reverse sid		
s,	Form										х	Ш,		Evaluator's Names	Date	
Elements	Line	1		11-1	_ 4						х			M. Paulson	08/03/2012	
	Color										х					
~	Testano	1199		1		1 4	- 1		1	-		v				

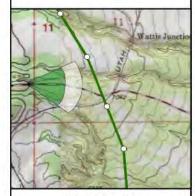
### Rationale

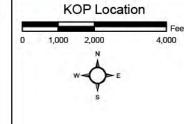
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





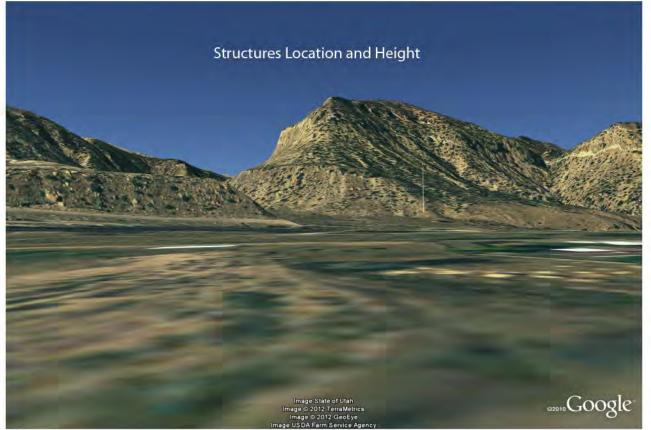
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-43 Watis Road (eastbound) (Segment 223)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## VISUAL CONTRAST RATING WORKSHEET

Date 10/3/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

	SECTION A. PROJECT INTORM	ATION
1. Project Name TransWest Express	4. Location Martin residential	5. Location Sketch
2. Key Observation Point P-45	Township_13S	Please see Figure 3.12-2
3. VRM Class	Range_9E	
III	Section 13	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating, horizontal, bold vertical, rugged	Few, Stippled, amorphous patches	Moderately tall, vertical
LINE	Curving, vertical, diagonal, angular	Weak diffuse, indistinct, broken	Vertical, concave, horizontal
COLOR	Tans, browns, grays	Dark greens, tans, gray-greens	Brown, gray
TEX.	Banded, coarse grain	Fine to medium grain, uneven/random	Medium grain, dense

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES
Stippled vegetation	Pyramidal steel lattice structures and guys, and tubular conductors.
Diffuse edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
Tans, gray-greens	Light silver to dark gray steel lattice structures, guys, and conductors.
Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.
	Stippled vegetation  Diffuse edge  Tans, gray-greens

### SECTION D. CONTRAST RATING | SHORT TERM | LONG TERM

						F	EAT	URE	S	2 D					
DEGREE OF		LA	LAND/WATER BODY VEGETATIO (1) (2)			VEGETATION STRUCTURES (2) (3)						ES	2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measure. Yes ▼ No (Explain of	
ø	Form		Х	11-1		-1		х		la I	X			Evaluator's Names	Date
ent	Line Color		х					х			х			EPG	10/3/11
Elem				х				x			х			(Review and update as	
-	Texture	4	Х					х				х	-	needed by M. Paulson)	7/24/12

### Rationale:

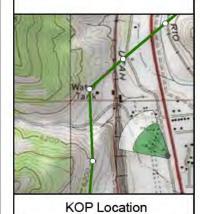
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-840

Project Location



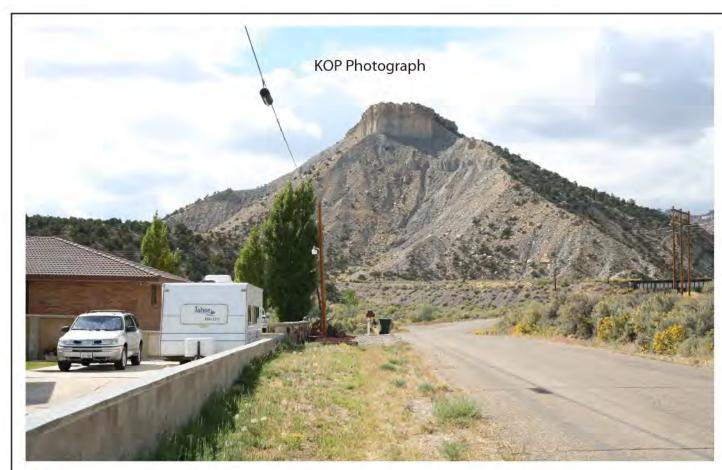
0 750 1,500 3,000 W E

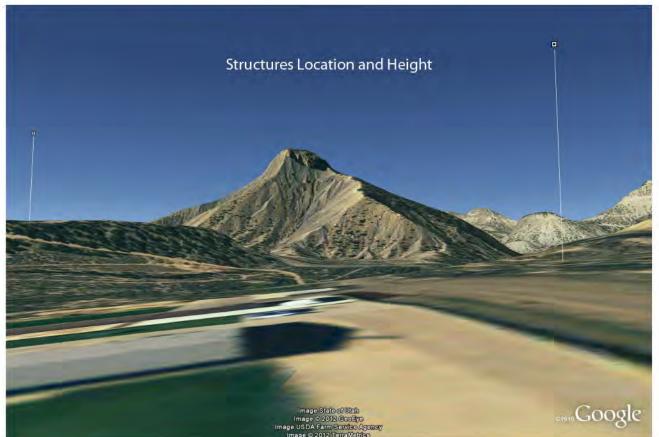
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-45 Martin Residential (Segment 217.1)









### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 10/3/11

District Price FO

Resource Area

Activity (program)

## SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_West Helper residential	5. Location Sketch
2. Key Observation Point P-46	Township_13S	Please see Figure 3.12-2
3. VRM Class	Range 9E	
Ш	Section 23	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	FG: Plateaus, level BG: Bold vertical, horizontal, rugged	Amorphous masses, stippled areas	Moderately tall, geometric, vertica
LINE	Vertical, diagonal, angular	Weak, diffuse, indistinct	Vertical, concave, angular
COLOR	Tans, grays, reds	Dark greens	Brown
TEX-	Banded, coarse grain	Fine to medium grain	Medium grain, sparse density

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Stippled vegetation	Pyramidal steel lattice structures and guys, and tubular conductors.
n n	Diffuse edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
ООГО	Tans, gray-greens	Light silver to dark gray steel lattice structures, guys, and conductors.
TURE	Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

## SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM

		1				F	EAT	URE	S					2. Does project design meet visual resource				
	DEGREE OF		(1)					VI	7577	ATIC	ON	STRUCTURES (3)				management objectives?  ves  No (Explain on reverse side)		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ✓ Yes ✓ No (Explain	sures recommended on reverse side)			
s	Form			х			х				х			Evaluator's Names	Date			
ent	Line Color		x		-			х			X			EPG	10/3/11			
Jen				х				х				х		(Review and update as				
-	Texture	p He i	х					х				х		needed by M. Paulson)	7/24/12			

### Rationale

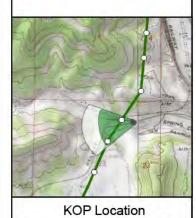
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-841

Project Location



0 1,450 2,900 5,800 W

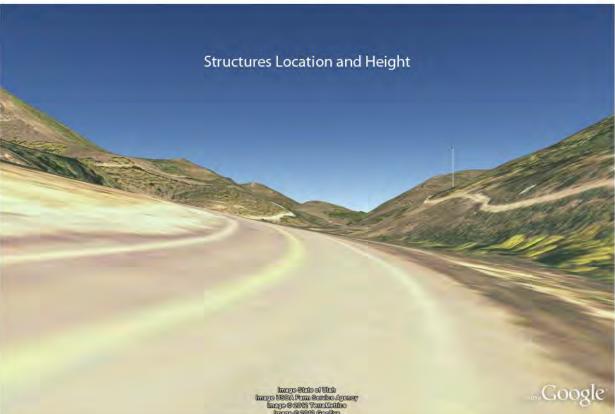
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-46 West Helper Residential (Segment 217.1)









### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/11

District Price FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMATION							
1. Project Name TransWest Express	4. Location Clear Creek	5. Location Sketch						
2. Key Observation Point P-47	residential Township_13S	Please see Figure 3.12-2						
3. VRM Class NA	Range 7E Section 33							

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION									
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES							
FORM	Diagonal, bold, rounded	onal, bold, rounded Vertical, complex, pyramidal, amorphous								
TINE	Curving, continuous	Flowing, complex, irregular	Vertical, angular, regular							
COLOR	Tans, grays	Vivid, yellow, greens, seasonal variety	Brown, gray							
TURE	Medium grain	Coarse, stippled, scattered	Coarse grain, sparse density, uniform							

1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	NA	Pyramidal steel lattice structures and guys, and tubular conductors.			
TIME	NA	Vertical steel lattice structures, angular guys, and curvilinear conductions.			
0000	NA	Light silver to dark gray steel lattice structures, guys, and conductors.			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NA	Coarse steel lattice structures, and smooth guys and conductors.			

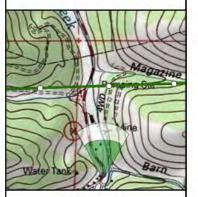
						F	EAT	URE	2. Does project design meet visual resource										
DEGREE OF CONTRAST		LAND/WATER BODY (1)					VECETATION STRUCTURES management objective							management objectives? (Explain on reverse side)	? ☐ Yes ☐ No				
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating meas					
9	Form				х				х	х	M			Evaluator's Names	Date				
Line					х	100			х		х			EPG	9/27/11				
Color				х	1 9		1	х		X			(Review and update as						
-	Texture				х	T		7	х		х			needed by M. Paulson)	7/24/12				

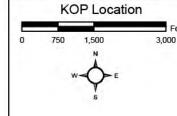
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





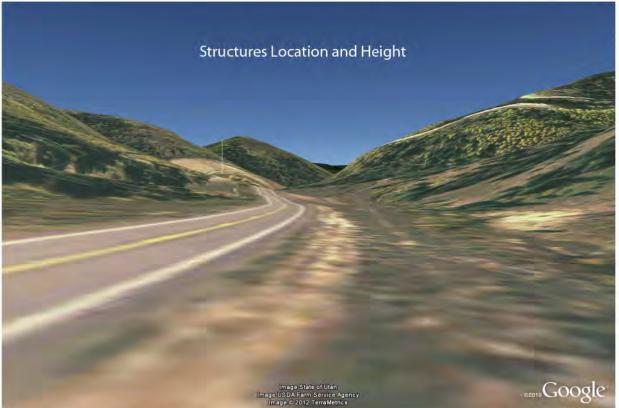
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-47 Clear Creek Residential (Segment 217.15)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/27/11

District Price FO

Resource Area

Activity (program)

### SECTION A. PROJECT INFORMATION

	SECTION A. TROSECT INTORMAT	1011
1. Project Name TransWest Express	4. Location Energy Loop	5. Location Sketch
2. Key Observation Point P-48	Scenic Byway (UT Route 96  Township 13S	Please see Figure 3.12-2
3. VRM Class	Range_7E	
NA	Section 29	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	Moderately tall, vertical, thin
LINE	Curving, angular, continuous	Flowing, complex, irregular, butt edge	Vertical, angular
COLOR	Tans	Vivid, greens, tans, seasonal variation	Browns
TURE	Medium to coarse grain	Coarse, stippled, scattered	Fine grain

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	NA	Pyramidal steel lattice structures and guys, and tubular conductors.
rine	NA	Vertical steel lattice structures, angular guys, and curvilinear conductions.
00108	NA	Light silver to dark gray steel lattice structures, guys, and conductors.
TURE	NA	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

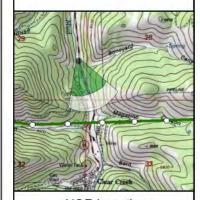
	FEATURES										2. Door musicat design most	damel measures				
DEGREE OF CONTRAST		LA	ND/V BO	DY	ER	VI	EGET		ON	ST	RUC	TURE	S	2. Does project design meet visual resource management objectives? ☐ Yes ☐ N (Explain on reverse side)		
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☐ No (Explain		
9	Form		1		х				х	х				Evaluator's Names	Date	
ient.	Line				х				х	0.7	Х			EPG	9/27/11	
Elem	Color		1 = 1		х		1_11		х	х				(Review and update as		
-	Texture				х				X	х				needed by M. Paulson)	7/24/12	

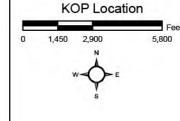
## Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





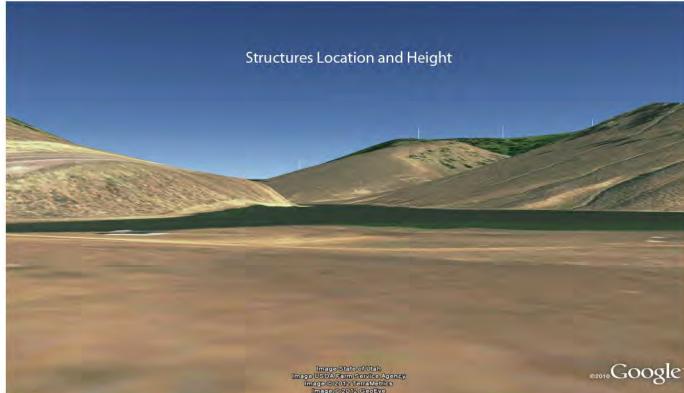
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-48 Energy Loop Scenic Byway (Utah Route 96) (Segment 217.15)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

District Mantl-Lasal National Fore	st
Resource Area	_

### SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Electric Lake Township 13S	5. Location Sketch
2. Key Observation Point P-49	Range 6E	Please see Figure 3.12-2
3. VRM Class USFS VQO Retention	Section_34	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	NA
LINE	Curving, continuous, horizontal	Flowing, complex, irregular, butt edge in background (right-of-way clearing)	NA
COLOR	Tans, blues, reflective	Vivid, tans, greens, gray-green, white	NA
TEX-	Smooth surface on reservoir, medium grain	Coarse, stippled, scattered	NA

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Geometric	Pyramidal steel lattice structures and guys, and tubular conductors.		
LUNE	Horizontal, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.		
COLOR	Tans, gray-green	Light silver to dark gray steel lattice structures, guys, and conductors.  Coarse steel lattice structures, and smooth guys and conductors.		
TURE	Fine grain			

SECTION D. CONTRAST RATING	SHORT TERM	V LONG TERM

						F	EAT	URE	S		2 D					
DEGREE OF CONTRAST		LA	во	WATI DY 1)	ER	VI	EGET	177	N	STRUCTURES (3)				2. Does project design meet visual resource management objectives? ☐ Yes ☑ No (Explain on reverse side)		
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ✓ Yes No (Explain		
90	Form	1 2 1	Х				х			х				Evaluator's Names	Date	
ent	Line			х				х		х			F	EPG (Review and update as	9/27/11	
Elements	Color	4 -4		х			100	х		х			1-1			
-	Texture			х			х			х				needed by M. Paulson)	7/24/12	

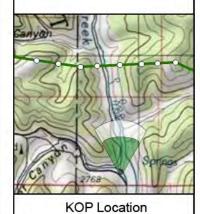
### Rationale:

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



0 2,150 4,300 8,600 W \$\bigsim \text{E}\$

## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-49 Electric Lake (Segment 217.15)

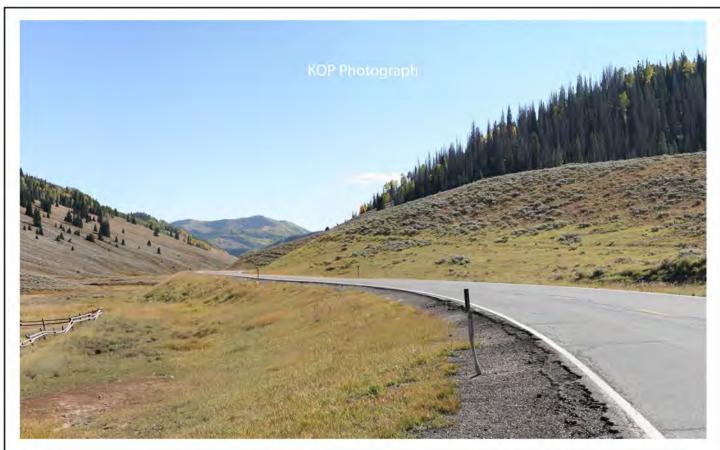




TransWest Express EIS Appendix I I-845



TransWest Express EIS Appendix I I-846





#### Form 8400-4 (September 1985)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/12	
District Manti-Lasal National Fore	st
Resource Area	

	SECTION A. PROJECT INFORMAT	TON
1. Project Name TransWest Express	4. Location Energy Loop	5. Location Sketch
2. Key Observation Point P-50	Scenic Byway Township 13S	Please see Figure 3.12-2
3. VRM Class USFS VOO Retention	Range_6E	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	NA
LINE	Curving, continuous, angular	Flowing, complex, irregular, butt edge in background (right-of-way clearing)	NA
COLOR	Tans	Vivid, tans, greens, gray-green	NA
TURE	Medium grain	Coarse, stippled, scattered	NA

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Geometric	Pyramidal steel lattice structures and guys, and tubular conductors.
rine	Horizontal, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR	Tans, gray-green	Light silver to dark gray steel lattice structures, guys, and conductors.
TURE	Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING	☐ SHORT TERM	<b>▼ LONG TERM</b>

						F	EAT	URE	S	2. Dono anni ant design mont signal accounts	denial management				
DEGREE OF		LAND/WATER BODY (1)					EGET		ON	STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ☐ Yes   ☐ No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measure Ves  No (Explain	
Elements	Form	x				х				х				Evaluator's Names	Date
	Line	x		1			х			х	- 1			EPG	9/27/12
	Color		x				х			х				(Review and update as	
	Texture	x				x				х				needed by M. Paulson)	7/24/12

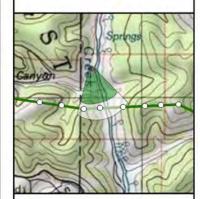
### Rationale:

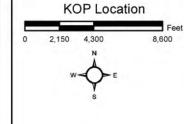
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-50 Energy Loop Scenic Byway (Segment 217.15)

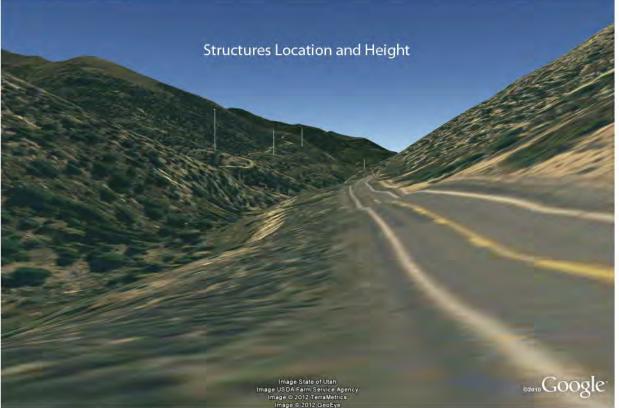




TransWest Express EIS Appendix I







# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/28/11

District Price FO

Resource Area

ctivity (program)

		Activity (program)
2 -1	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location Indian Canyn Sc Byway (US Hwy 191)	5. Location Sketch
2. Key Observation Point P-51	Township 12S	Please see Figure 3.12-2
3. VRM Class NA	Range_10E Section_21	

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Vertical, prominent, v-shaped	Amorphous patches, pyramidal	Moderately tall, vertical, geometric				
LINE	Bold, diagonal, rugged	Irregular, broken, vertical, butt edge (existing right-of-way)	Vertical, concave/horizontal				
COLOR	Grays, tans (little exposed soil)	Greens, tans, seasonal variation	Brown				
TEX-	Coarse grain	Medium grain	Ordered, fine grain, medium density				

1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.				
rine	Angular, bold, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.				
COLOR	Tans, gray-green	Light silver to dark gray steel lattice structures, guys, and conductors.				
TEX	fine grained	Coarse steel lattice structures, and smooth guys and conductors.				

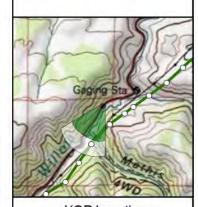
						F	EAT	URE	2 December design and						
DEGREE OF CONTRAST		LAND/WATER BODY (1)					VEGETATION (2)				RUC	TURI	S	Does project design meet visual resource management objectives?    Yes    No (Explain on reverse side)	
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating meas	
	Form	х				х	17			х				Evaluator's Names	Date
Line Color Texture	Line	x		1_			х			1	х			EPG	9/28/11
	Color	= 1	x		11 = 1		х			х				(Review and update as	
	Texture		х		1		х				X			needed by M. Paulson)	7/24/12

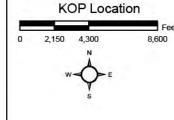
### Rationale:

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



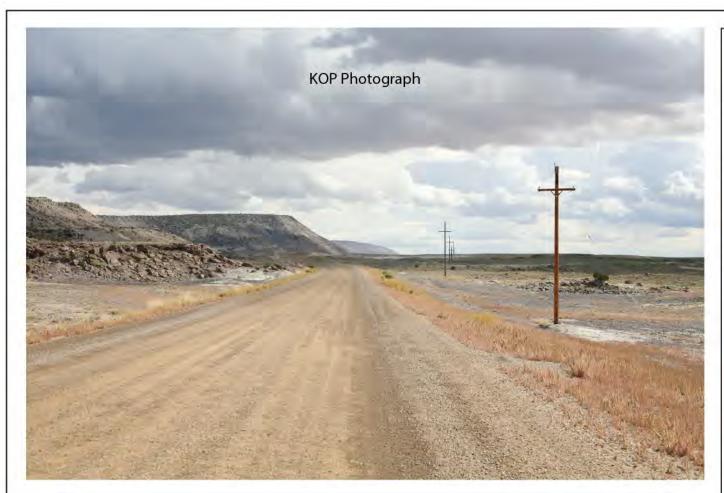


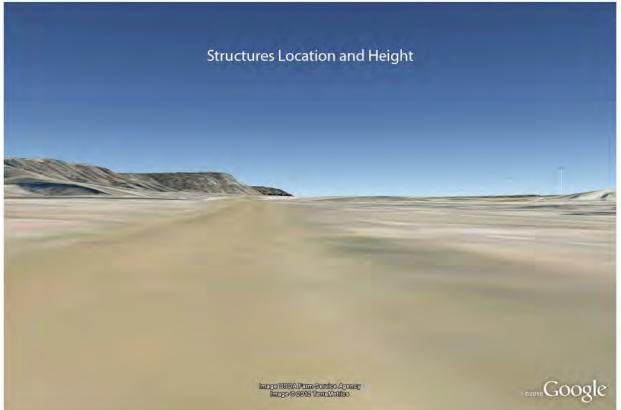
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-51 Indian Canyon Scenic Bywy (U.S. Hwy 191) (Segment 217.1)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	Location Wedge     Overlook Scenic Backway	5. Location Sketch
2. Key Observation Point P-52	Township 19S	Please see Figure 3.12-2
3. VRM Class	Range 9E Section 1	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Shallow slopes, undulating, rugged in areas	Indistinct, patches, stippled, mottled	Vertical, geometric
LINE	Horizontal, diagonal, undulating	Indistinct	Vertical, concave
COLOR	Tans, grays	Gray-greens, tans	Brown
TEX- TURE	Medium to coarse grain	Medium grain	Medium grain, medium density, ordered

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

2. VEGETATION	3. STRUCTURES		
Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.		
Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.		
Sage greens, tans	Light silver to dark gray steel lattice structures, guys, and conductors.		
Fine grain	Coarse steel lattice structures, and smooth guys and conductors.		
	Low, rectangular clearings (tower pads)  Indistinct, broken, regular  Sage greens, tans		

SECTION D	. CONTRAST RATING	SHORT TERM	▼ LONG TERM

						F	EAT	URE	S	2. Does project design meet visual resource								
DEGREE OF		L	во	WATI DY 1)	ER	VI	GET	ATIC	ON	ST	RUC	TURI	ES		nagement objectives? 🗸 Yes 🗀 No			
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		onal mitigating measures recommended s  No (Explain on reverse side)			
s	Form			x				х			X			Evaluator's Names	Date			
Elements	Line			X				х		1-1	X			EPG	10/4/11			
len	Color			x				x				X		(Review and update as				
-	Texture		х		1			х				X		needed by M. Paulson)	7/24/12			

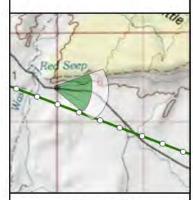
### Rationale:

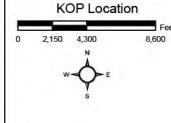
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





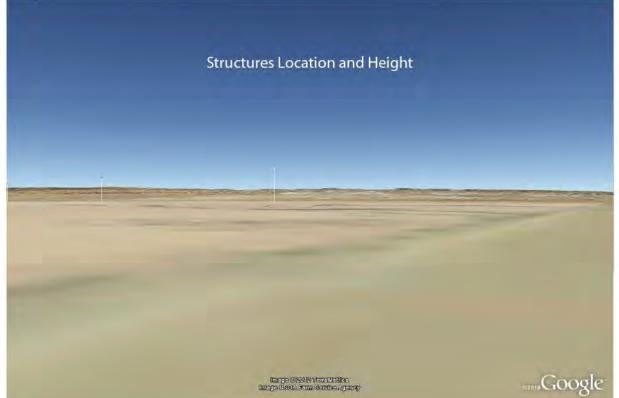
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-52 Wedge Overlook Scenic Backway (Segment 325)









Form 8400-4

1. Project Name TransWest Express 2. Key Observation Point

P-53

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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMAT	ION
4. Location Old Spanish  Natl Hist Trl (Sn Rafael Sw)	5. Location Sketch

3. VRM Class Range 10E Section 10 Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
Flat, smooth	Short, patchy	Low, geometric, vertical				
Horizontal	angular, broken, diffuse edges	Horizontal, vertical, angular				
Tans, beiges	Gray-greens, tans, dull	Browns, tans				
Fine grain	Even, medium grain	Medium grain, medium density				

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
TIME	Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
СОГОВ	Sage greens, tans	Light silver to dark gray steel lattice structures, guys, and conductors.
TURE	Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM

						F	EAT	URE	S					2 Days was 1 at 4 at an annual			
DEGREE OF		LA	во	WATI DY 1)	ER	VI		ATIC	ON	STRUCTURES (3)				2. Does project design meet visual resource management objectives?   ✓ Yes   No (Explain on reverse side)			
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measurement Yes ▼ No (Explain of			
s	Form			х				х			х			Evaluator's Names	Date		
ent	Line			х				х	1		х			EPG	10/4/11		
Elements	Color	3 7 3		x				х			10.1	х	111	(Review and update as			
-	Texture			х				х				х	111	needed by M. Paulson)	7/24/12		

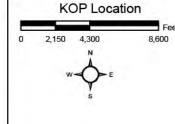
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





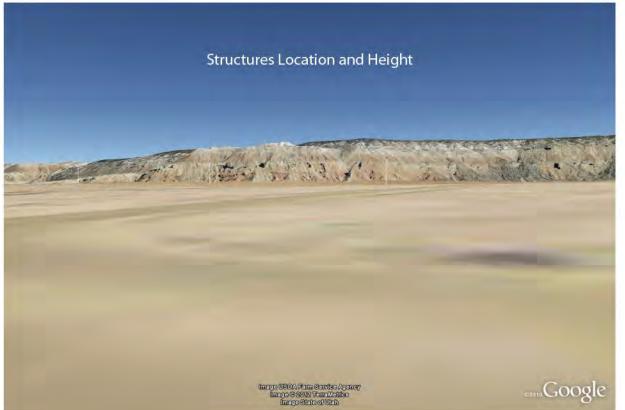
### TRANSWEST EXPRESS TRANSMISSION PROJECT

**KOP P-53** Old Spanish National Historic Trail (San Rafael SW) (Segment 225.2)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11

District Price FO

Resource Area

Activity (program)

	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location Junction of  Road to Buckhorn Wash	5. Location Sketch
2. Key Observation Point P-54	Township 19S	Please see Figure 3.12-2
3. VRM Class	Range 10E	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Flat, smooth, Cedar Mountain prominent in background	Short, patchy	Moderately tall, vertical		
LINE	Horizontal	Angular, broken, diffuse edges	Vertical		
COLOR	Tans, beiges	Gray-greens, dull	Brown		
TEX-	Fine grain	Even, medium grain	Fine grain, medium density, ordered		

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
rue	Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR	Sage greens, tans	Light silver to dark gray steel lattice structures, guys, and conductors.
TTX.	Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

### SECTION D. CONTRAST RATING ☐ SHORT TERM ☐ LONG TERM

						F	EAT	URE	S	2 D											
DEGREE OF		LA	во	WATI DY l)	ER	VE	GET		N	ST	2. Does project design meet visual resource management objectives? ✓ Yes ☐ No (Explain on reverse side)					TRUCTURES			management objectives? 🔽 Yes 🗀 No		
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ✓ Yes   No (Explain							
s	Form			х				X			X			Evaluator's Names	Date						
neut	Line			х				х			х	- 1		EPG							
Elen	Color			X			- 1	X				х		(Review and update as							
-	Texture		12.31	X				X	100			х		needed by M. Paulson)	7/24/12						

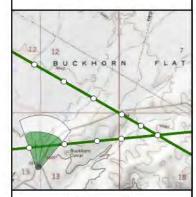
### Rationale:

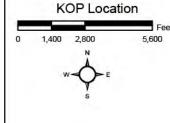
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





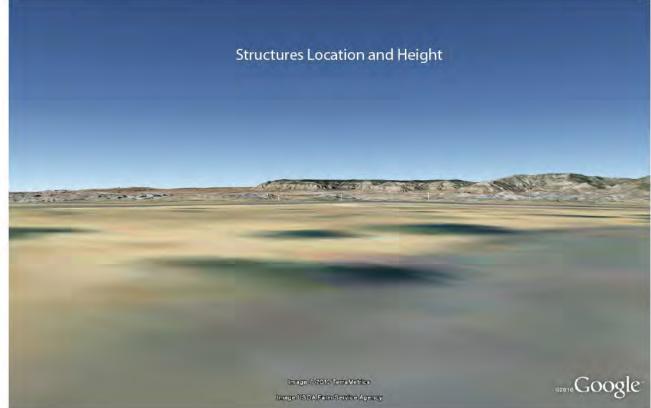
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-54 Junction of Road to Buckhorn Wash (Segment 225.2)









# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## VISUAL CONTRAST RATING WORKSHEET

Date 10/5/11

District Price FO

Activity (program)

Resource Area

NA PROJECT INFORMATION

	SECTION A. PROJECT INFORMAT	ION
1. Project Name TransWest Express	4. Location_USHwy 6 Rest  Area (Dino Diamnd Byway)	5. Location Sketch
2. Key Observation Point P-56	Township 16S	Please see Figure 3.12-2
3. VRM Class	Range 13E	

### SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Shallow to moderate slopes, rolling	Indistinct, amorphous, stippled	Moderately tall, vertical, geometric
LINE	Horizontal, diagonal, undulating	Indistinct, regular	Angular, concave, horizontal
COLOR	Trans	Dark greens, tans	Brown
TEX-	Fine to medium grain	Medium grain, grouped	Medium grain, sparse

### SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER	2. VEGETATION	3. STRUCTURES			
FORM	NA	Pyramidal steel lattice structures and guys, and tubular conductors.			
TINE	NA	Vertical steel lattice structures, angular guys, and curvilinear conductions.			
COLOR	NA	Light silver to dark gray steel lattice structures, guys, and conductors.			
TURE	NA	Coarse steel lattice structures, and smooth guys and conductors.			

SECTION D	CONTRAST RATING	SHORT TERM	V LONG TERM
OLC HON D	CONTINUE INTERIOR	DITORT TERM	A DOLLO ITTE

						F	EAT	URE	S	2. Dave and set dealers are student assessed					
	DEGREE OF		во	WATI DY l)	ER	VEGETATION (2)				STRUCTURES (3)				2. Does project design meet visual resource management objectives? ▼ Yes □ No (Explain on reverse side)	
	CONTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ☐ Yes ☑ No (Explain	
	Form				х				Х	х				Evaluator's Names	Date
Ē	Line				х				х		х			EPG	10/5/11
Elements	Color				х				X		х			(Review and update as	
1	Texture				х				Х	- 1	х			needed by M. Paulson)	7/24/12

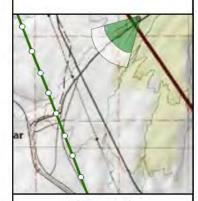
### Rationale:

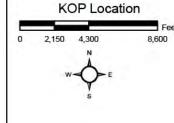
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location





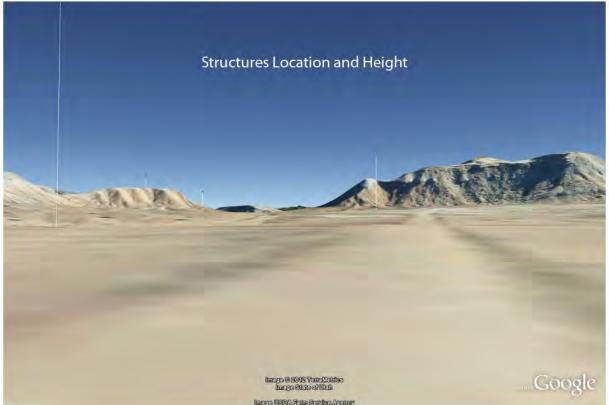
## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-56 U.S. Highway 6 Rest Area (Dinosaur Diamond Byway) (Segment 222.05)









#### Form 8400-4 (September 1985) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Date 7/24/12 District Price FO VISUAL CONTRAST RATING WORKSHEET Resource Area Activity (program) SECTION A. PROJECT INFORMATION 1. Project Name 5. Location Sketch 4. Location Green River TransWest Express Cutoff - Cty Rd 401. 2. Key Observation Point Please see Figure 3.12-2 Township 19S Range 13E 3. VRM Class Ш Section 13 SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION 3. STRUCTURES Bold vertical and horizontal planar Organic clumps of juniper and grasses Planar roadway. and banding Vertical and horizontal Indistint Curvilinear roadway

1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
E. C. P. P. C. P. C. P. C. P. C. P. P. P. C. P.	Indistinct, broken, regular	Vertical steel lattice structures, angula guys, and curvilinear conductions.
COLOR	Sage greens, tans	Light silver to dark gray steel lattice structures, guys, and conductors.
TURE.	Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

Light to medium tans and dark green

Medium to coarse

Light to medium brown

Smooth

						F	EAT	URE:	S	2. Does project design meet visual resource					
DEGREE OF CONTRAST		LA	VEGETATION (2)				STRUCTURES (3)				management objectives?    Yes   No  (Explain on reverse side)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating mea  ✓ Yes   No (Explain	
	Form		.1							х				Evaluator's Names	Date
nent	Line			211						х			-	M. Paulson	7/24/12
Color										х					
Texture											X				

### Rationale:

Light to dark tans, browns and grays

Smooth to coarse.

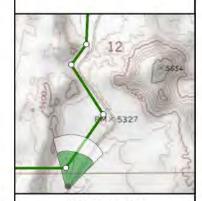
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1 and VR-7) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

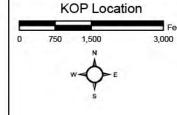
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



I-853

Project Location





## TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-57 Green River Cutoff County Road 401 (Segment 225.2)





TransWest Express EIS Appendix I I-854

